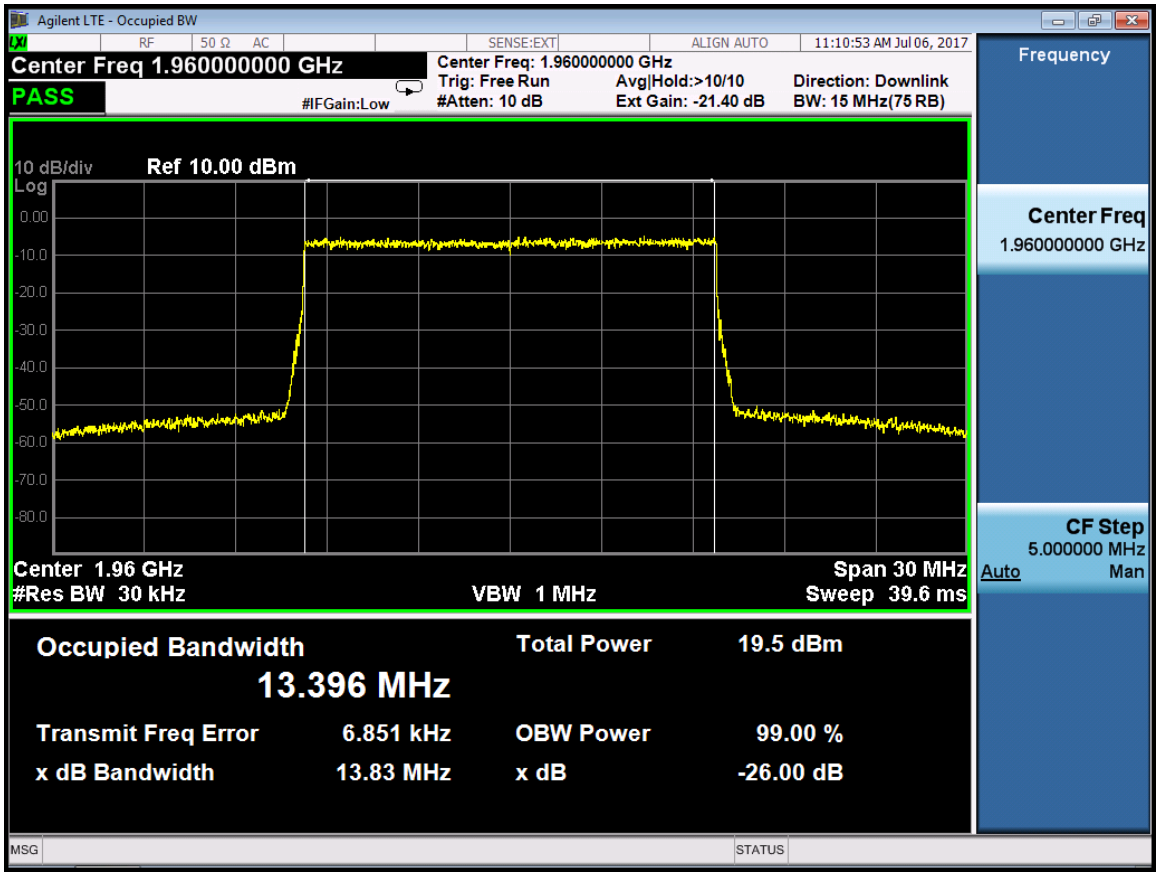
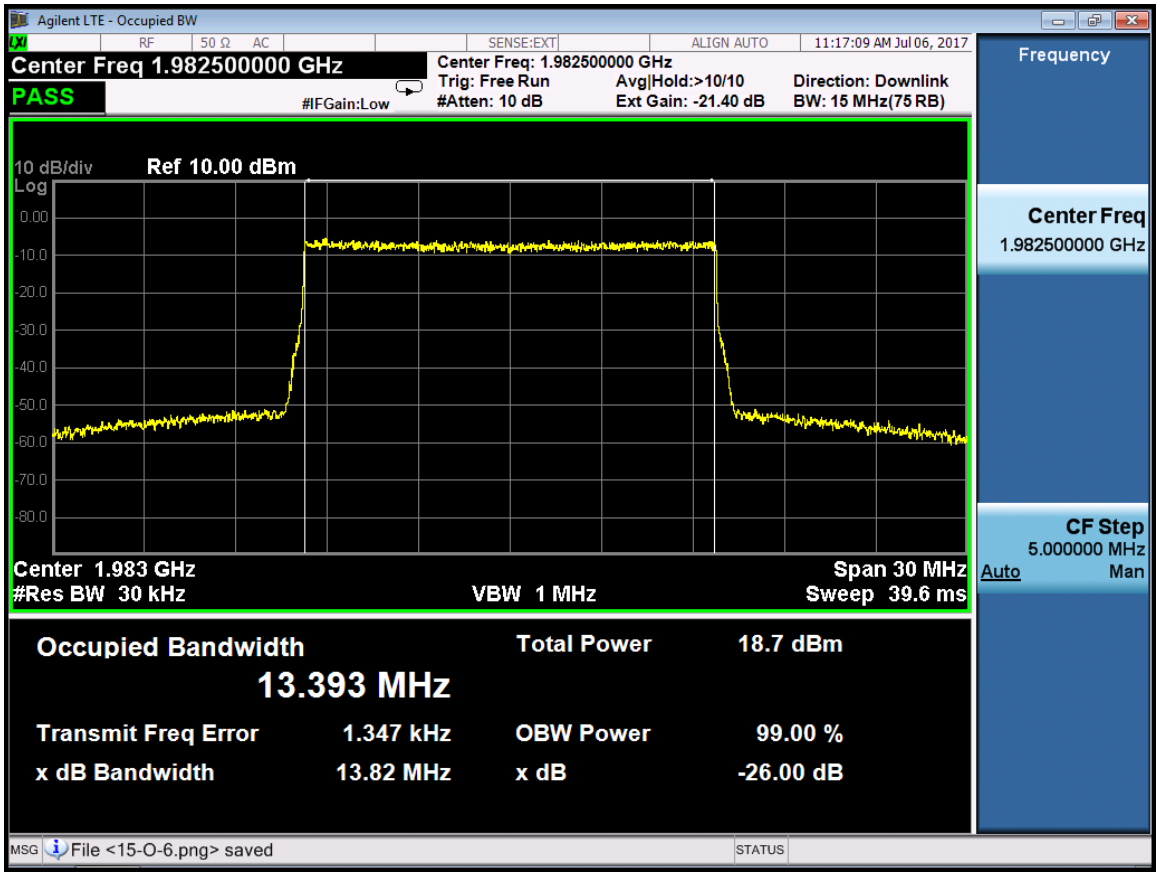
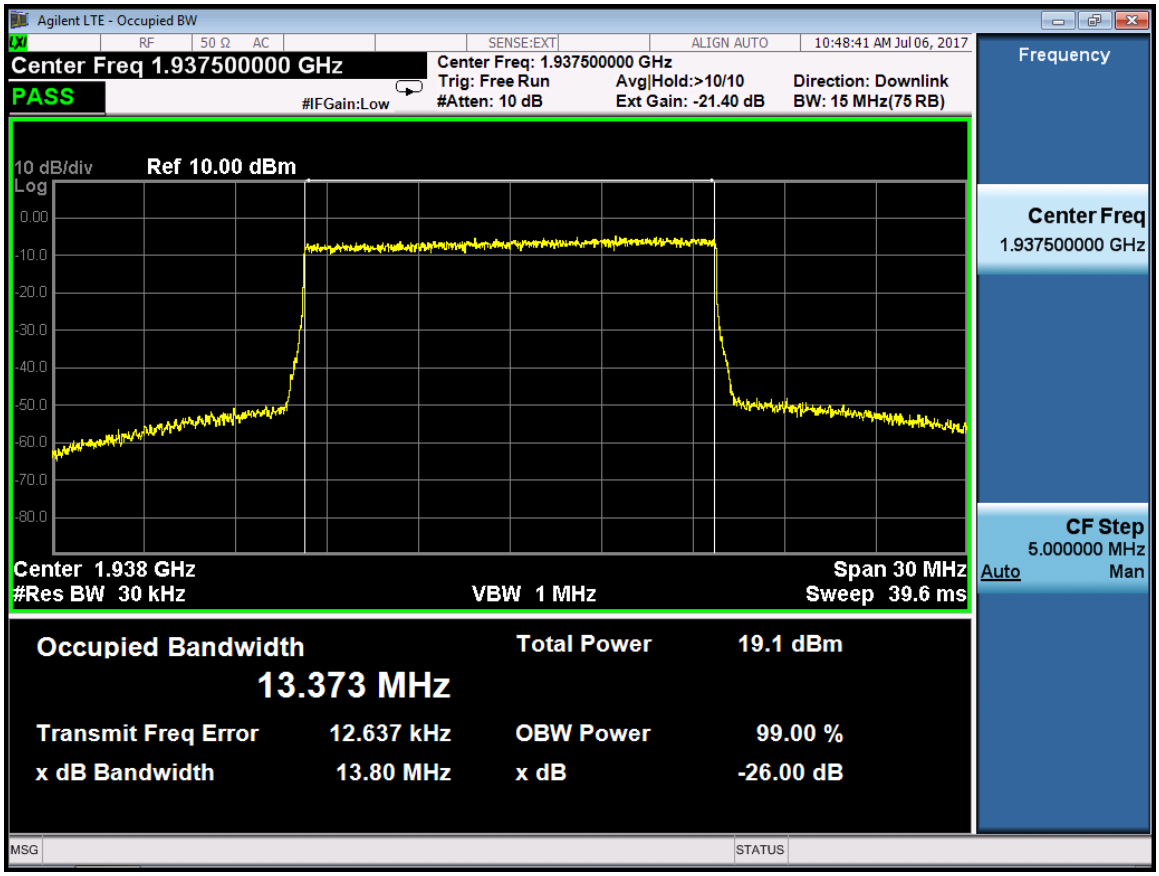


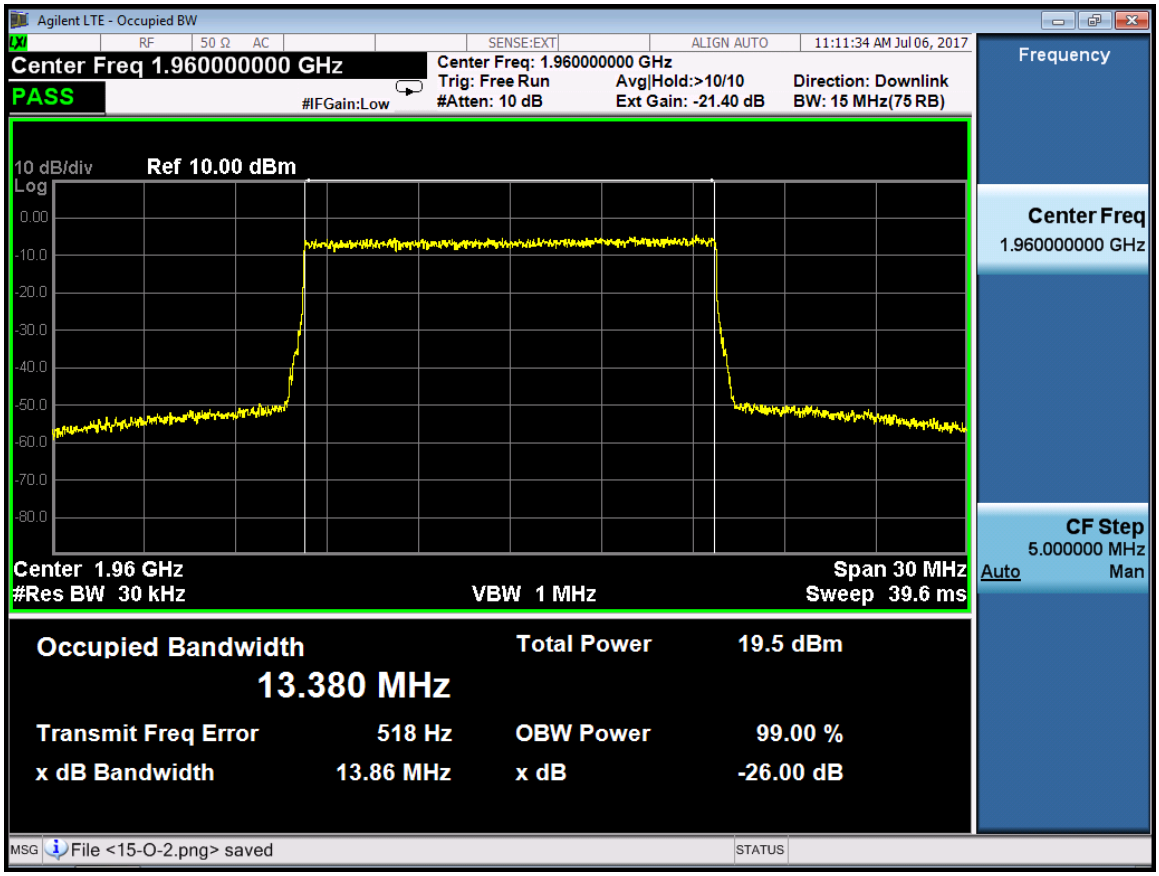
Port 0 -1982.5MHz



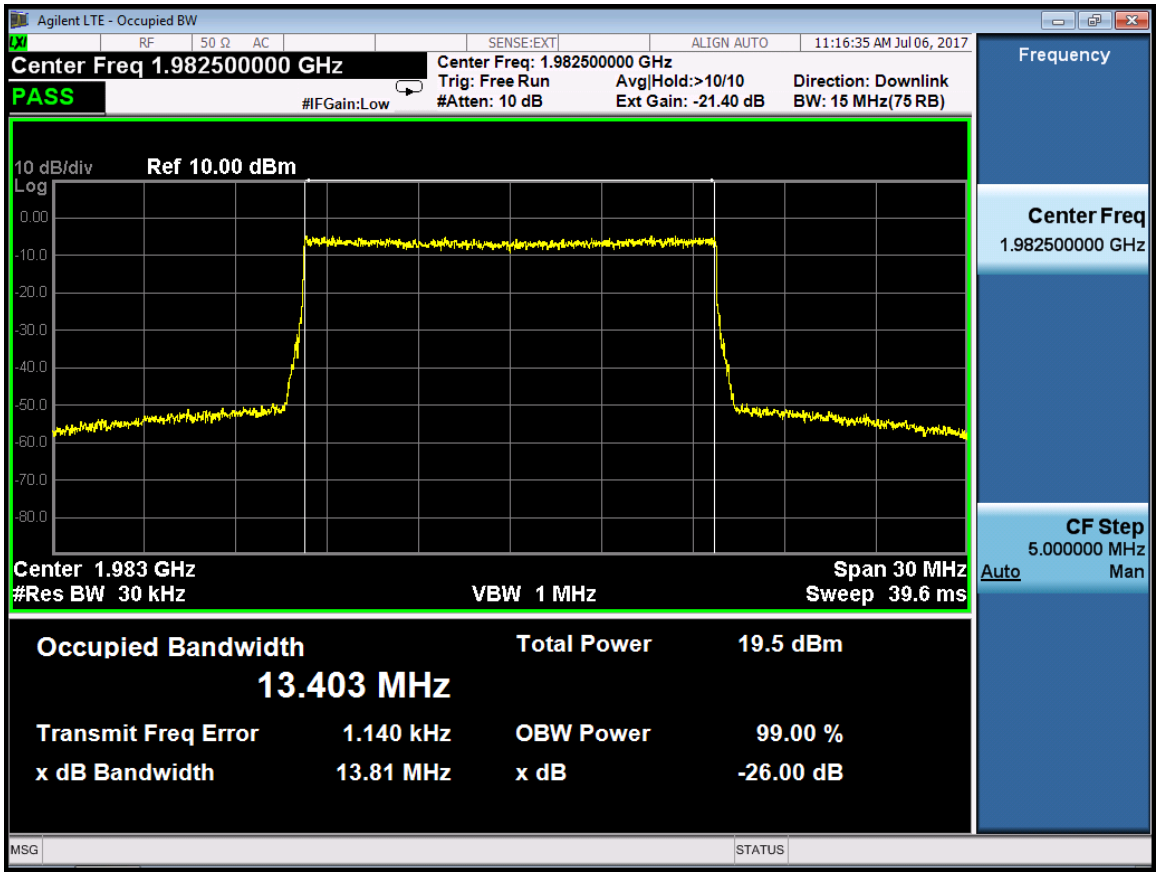
Port 1 -1937.5MHz



Port 1 -1960MHz



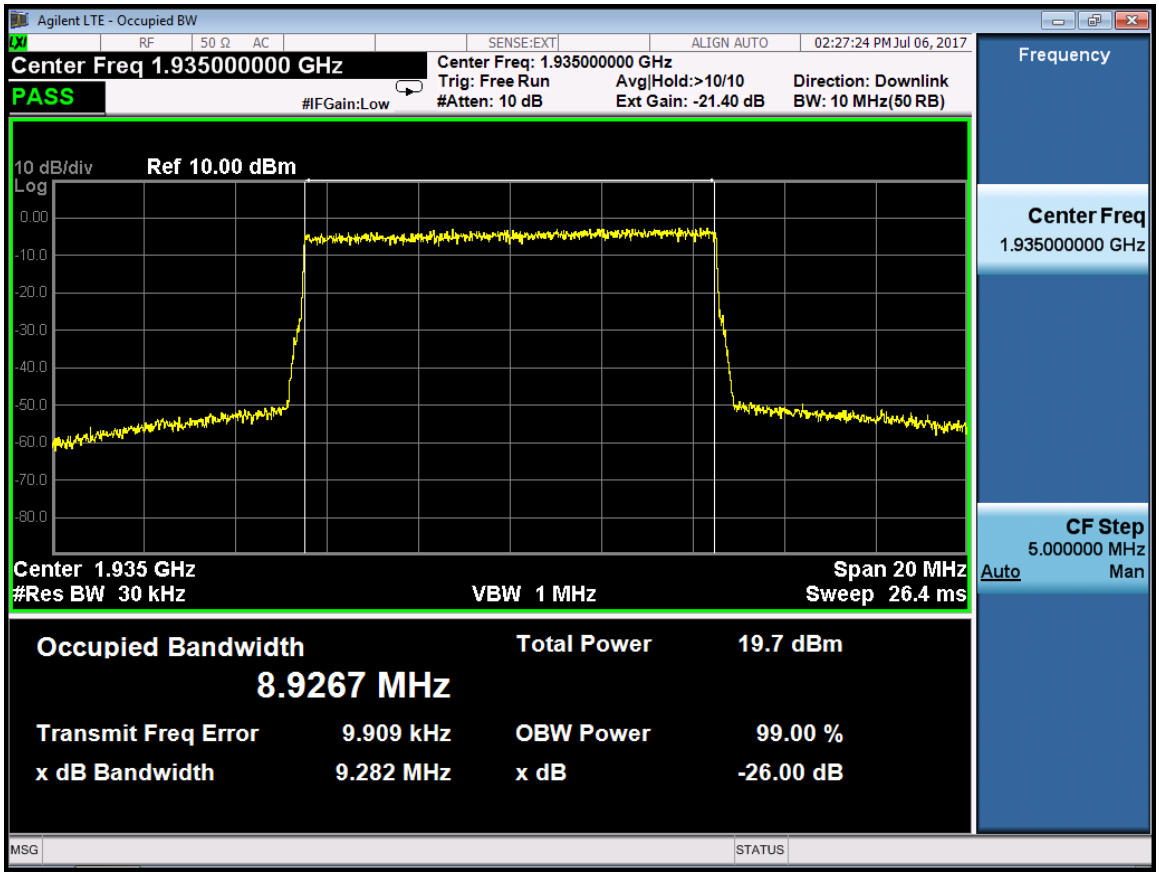
Port 1 -1982.5MHz



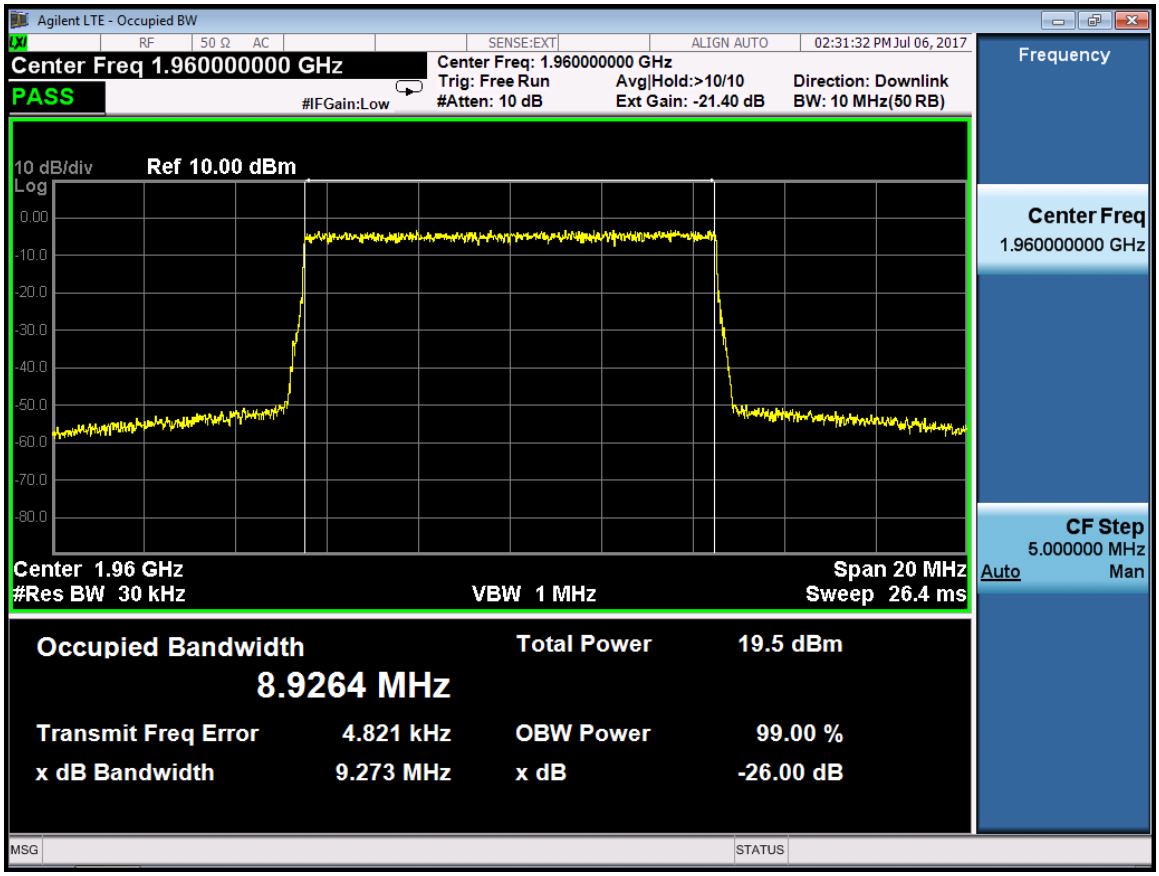
RF Bandwidth :IBW 10M(LTE 10M)

Port	RF Center Freq. (MHz)	99% Power Bandwidth (MHz)	Limit (MHz)
0	1935	8.9267	10M
	1960	8.9264	10M
	1985	8.9240	10M
1	1935	8.9251	10M
	1960	8.9315	10M
	1985	8.9258	10M

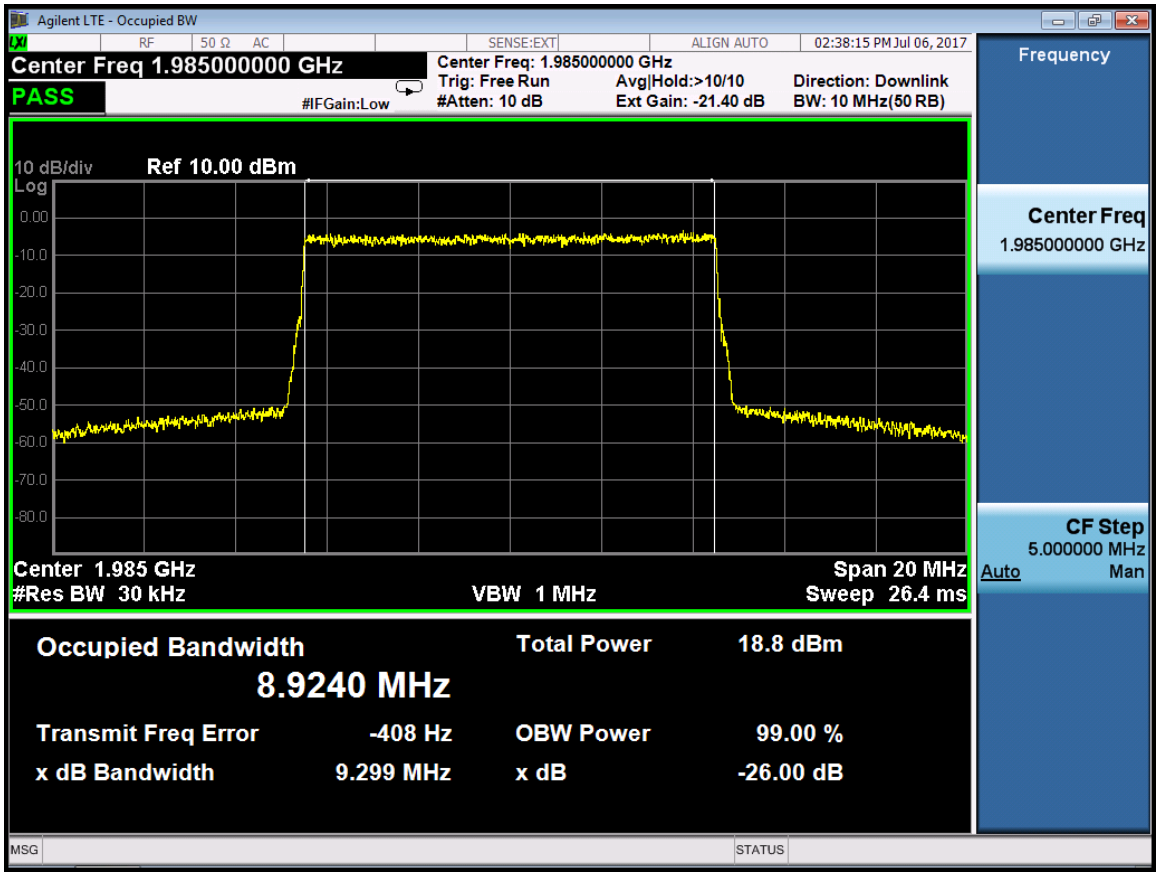
Port 0 -1935MHz



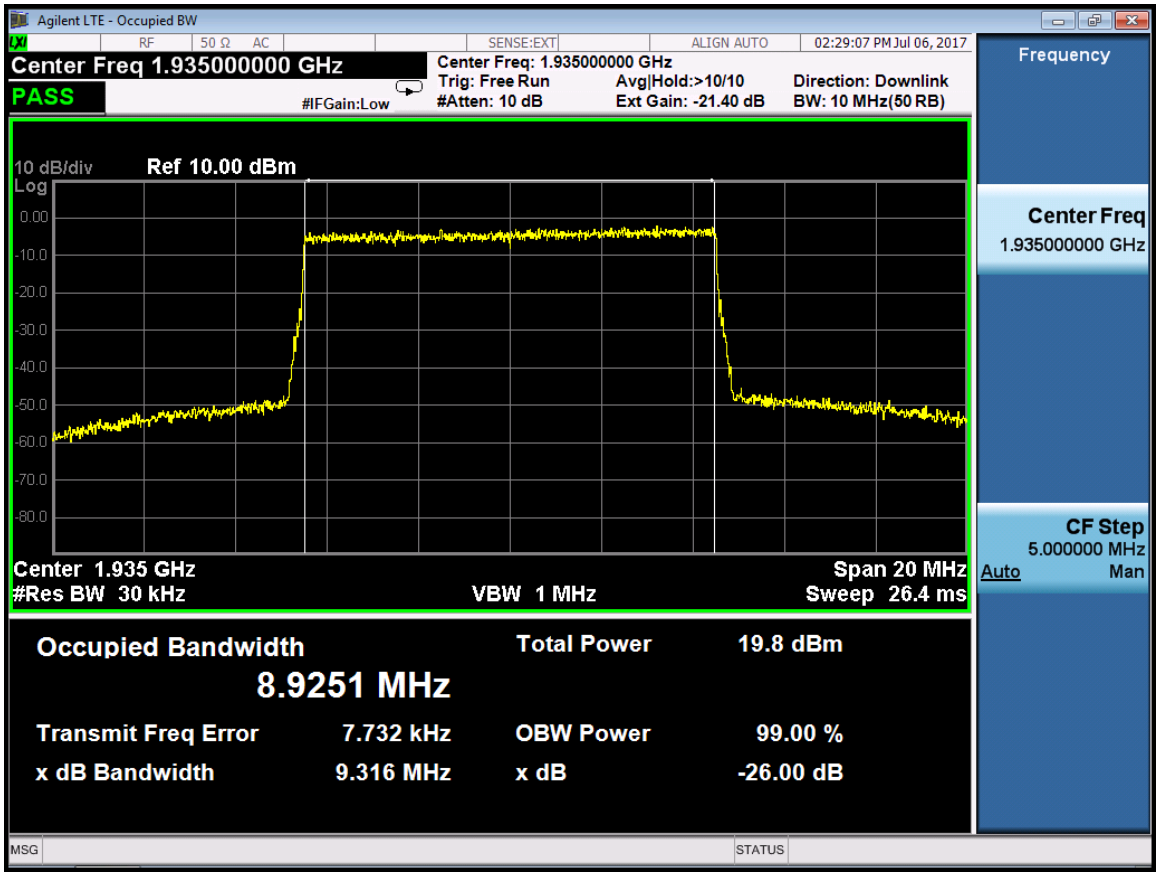
Port 0 -1960MHz



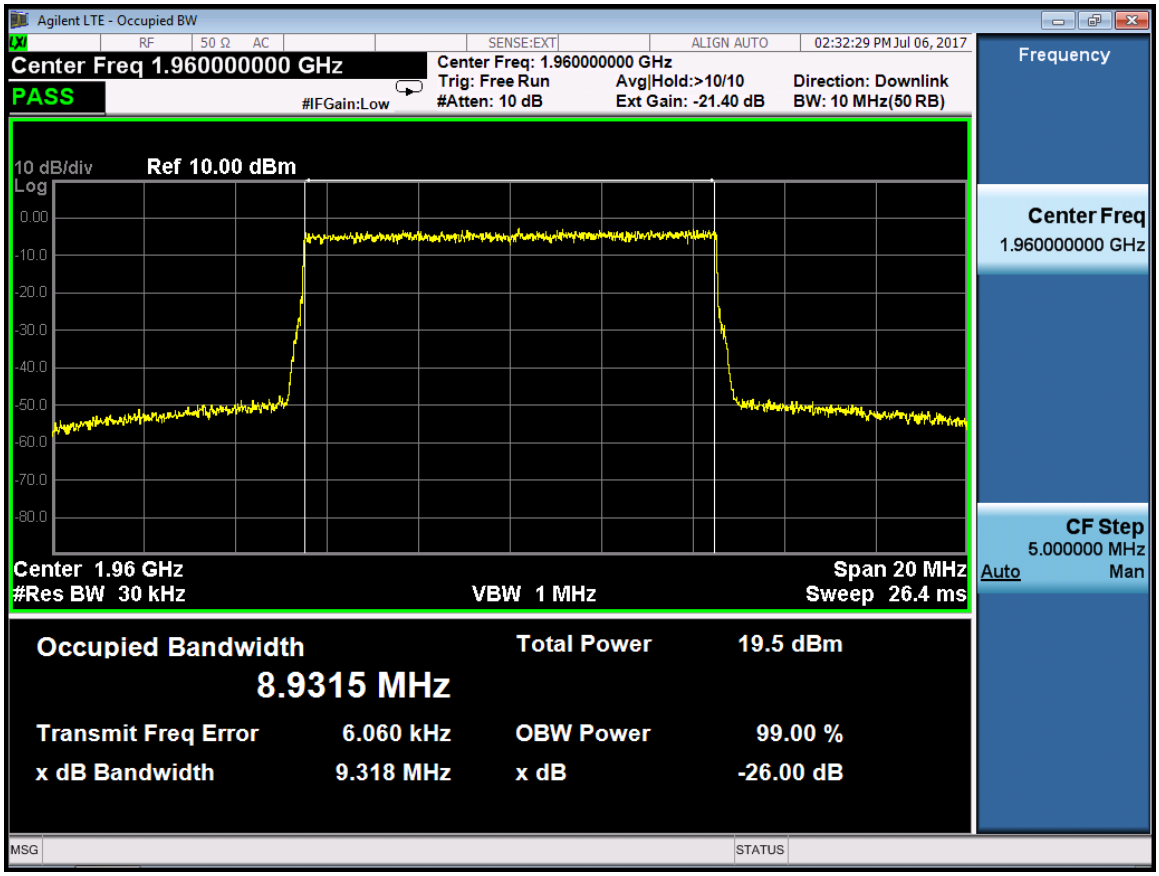
Port 0 -1985MHz



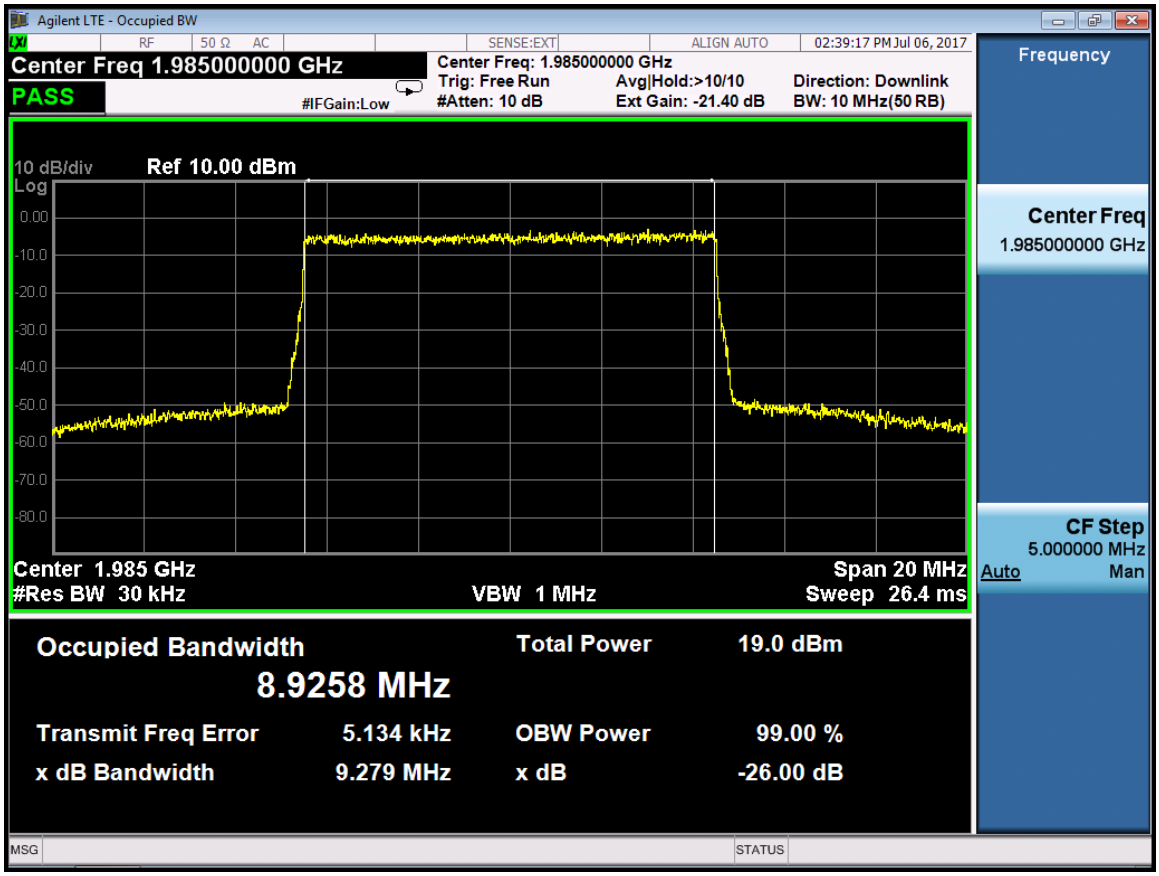
Port 1 -1935MHz



Port 1 -1960MHz



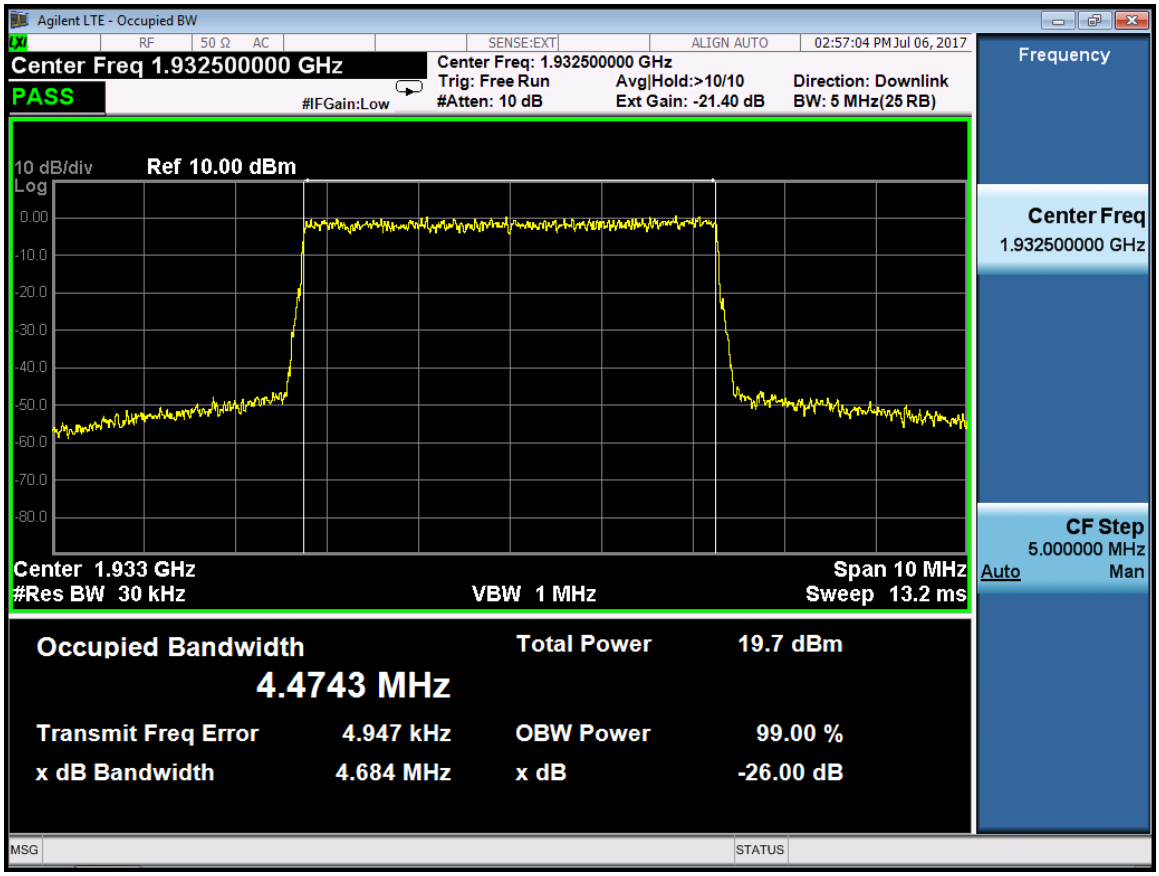
Port 1 -1985MHz



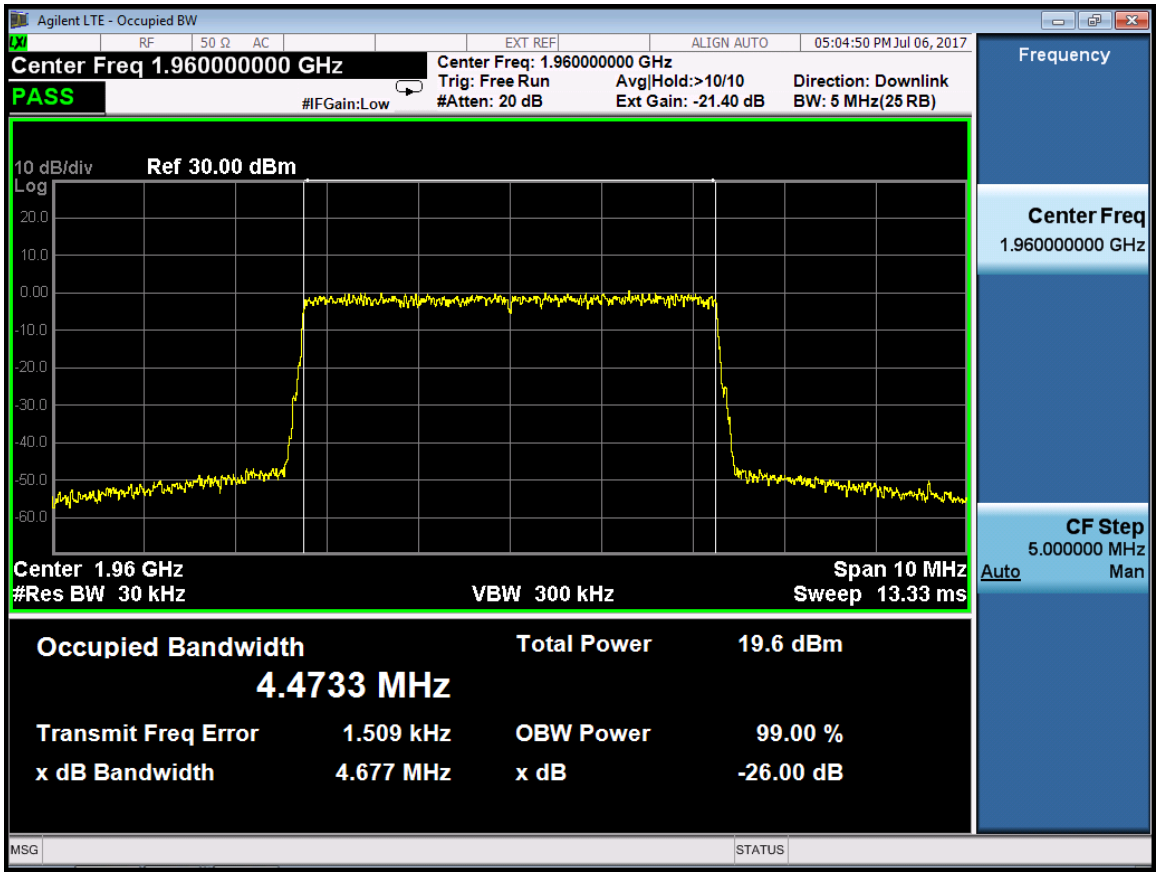
RF Bandwidth :IBW 5M(LTE 5M)

Port	RF Center Freq. (MHz)	99% Power Bandwidth (MHz)	Limit (MHz)
0	1932.5	4.4743	5M
	1960	4.4733	5M
	1987.5	4.4694	5M
1	1932.5	4.4760	5M
	1960	4.4734	5M
	1987.5	4.4749	5M

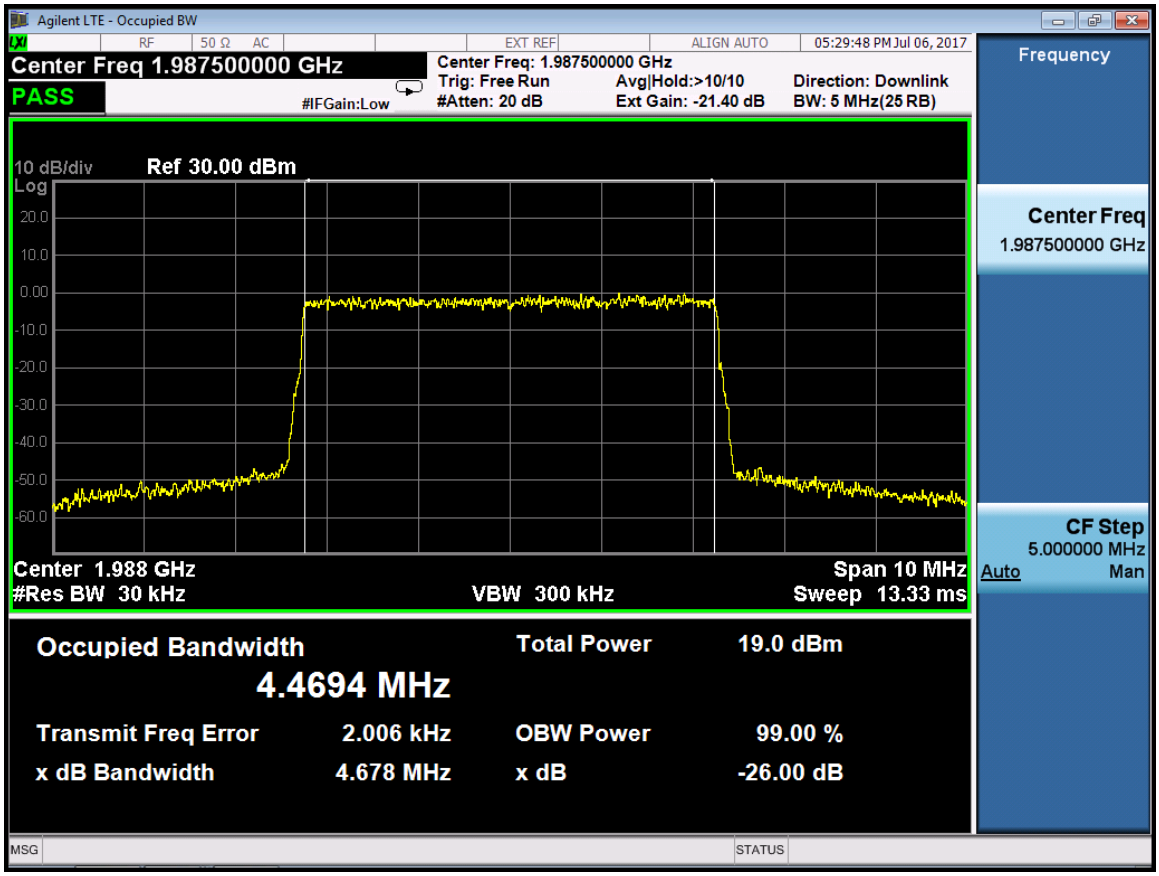
Port 0 -1932.5MHz



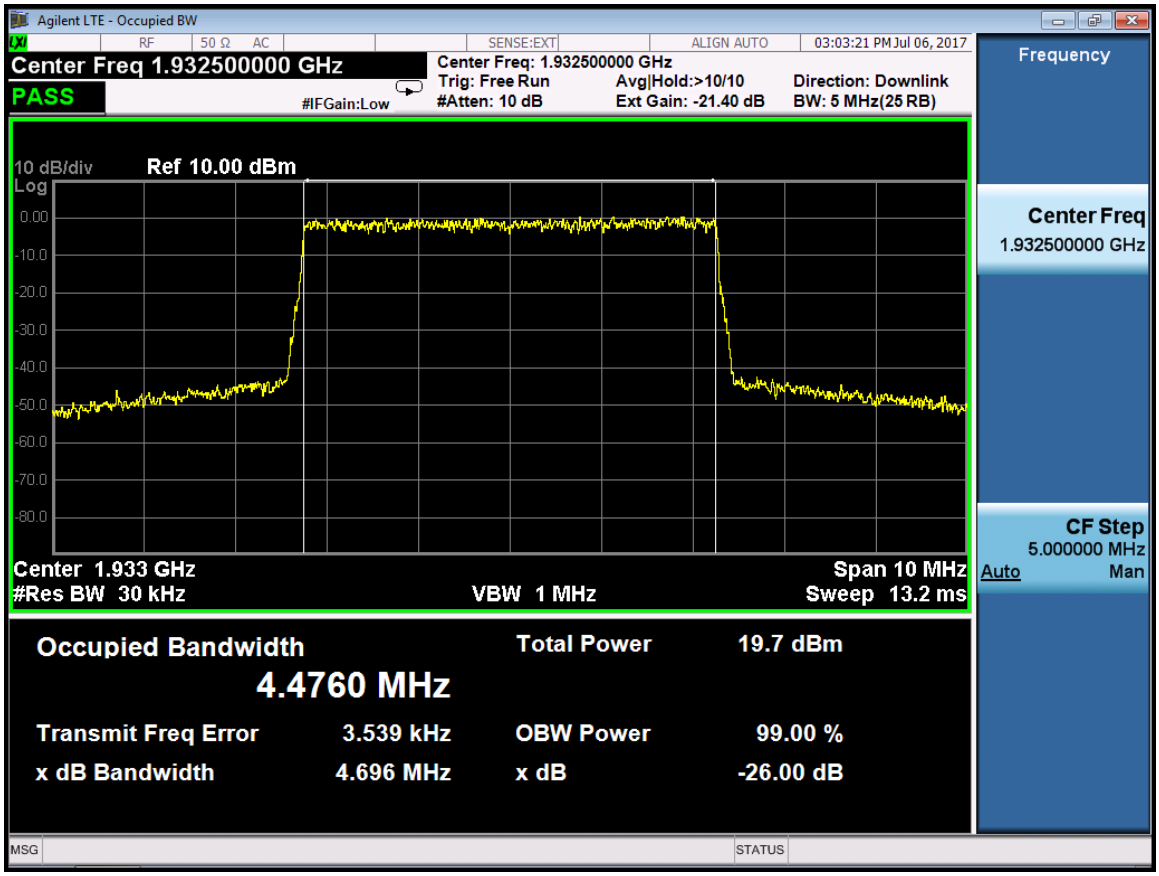
Port 0 -1960MHz



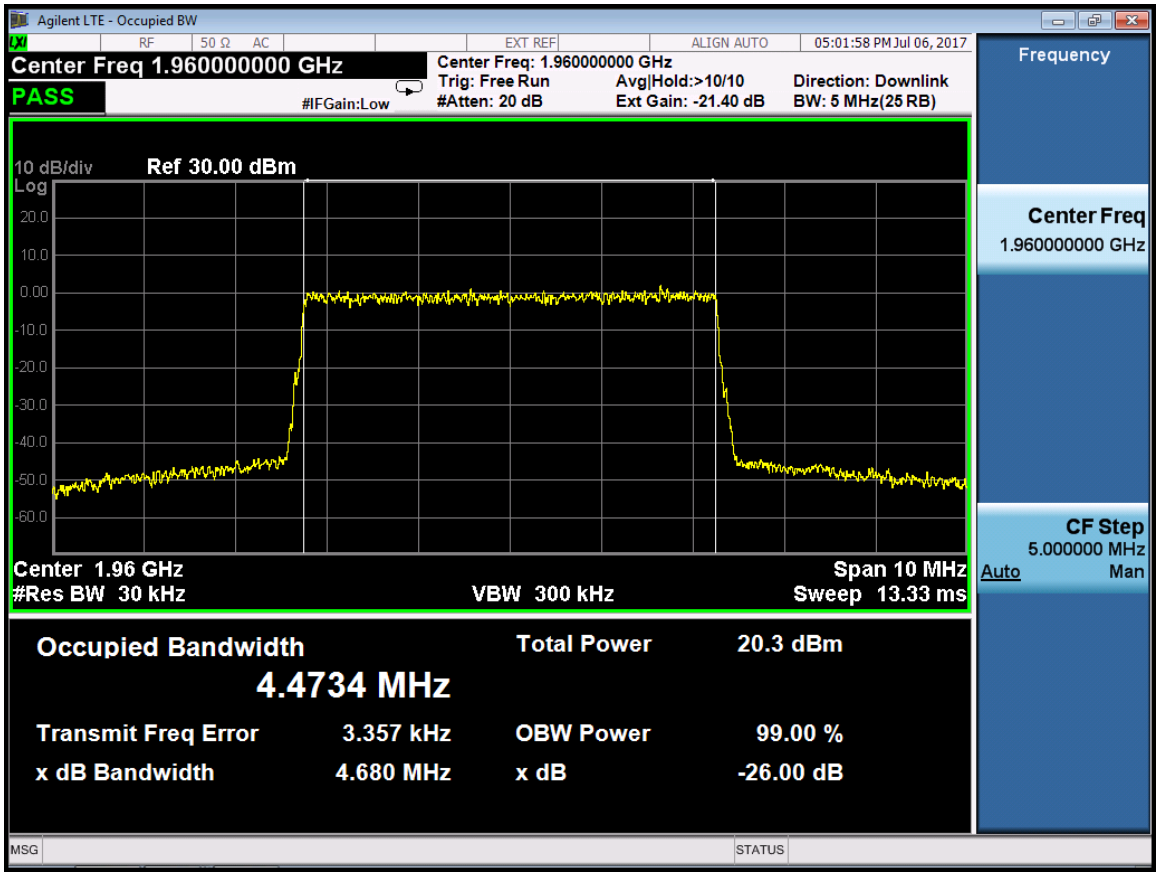
Port 0 -1987.5MHz



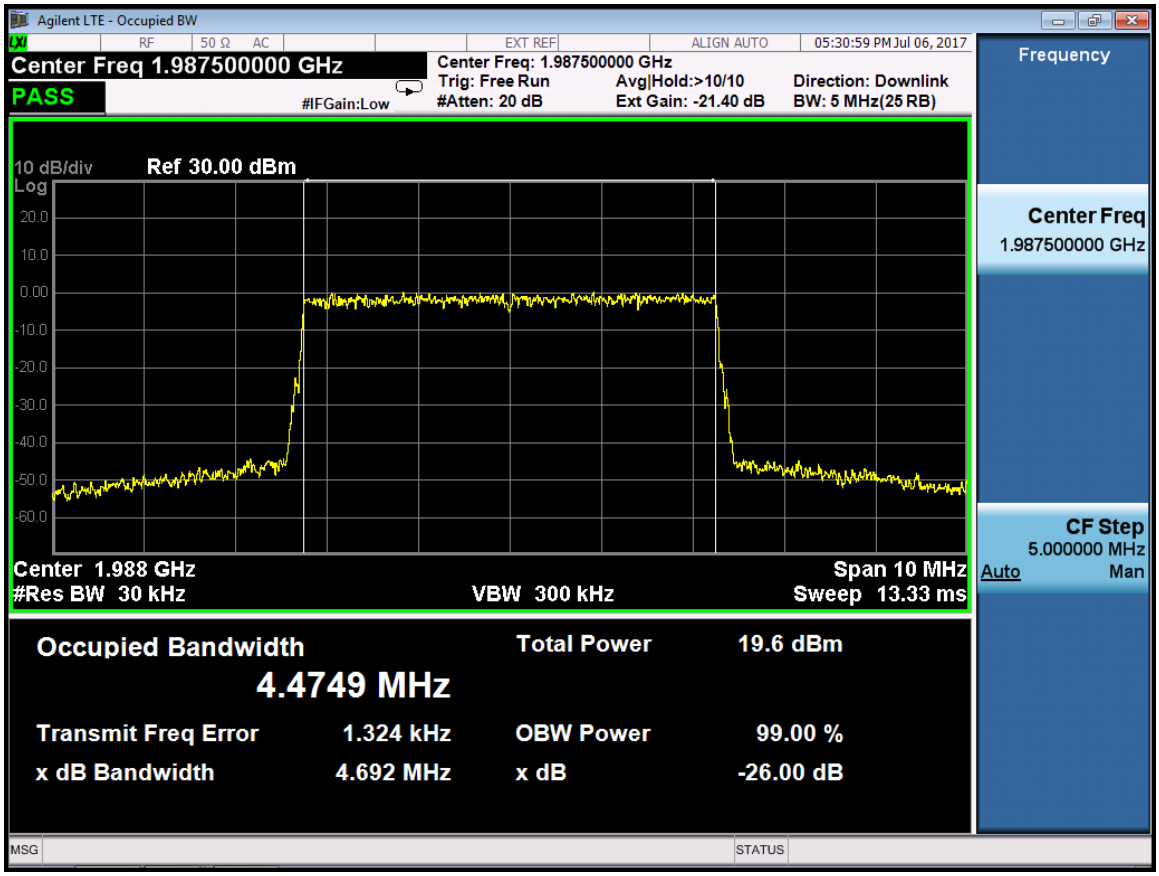
Port 1 -1932.5MHz



Port 1 -1960MHz



Port 1 -1987.5MHz



11 BAND EDGES

Applicable Standard: FCC §2.1051, §24.238

According to §2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (p) by a factor of at least 43 + 10 log (p) dB. The limit (dBm) should < P –(43+10log(P)) = -13dBm.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date

Agilent	MXA Series Spectrum Analyzer	N9030A	MY49431143	2016.09.12	2017.09.12
DTS	DTS 20dB Attenuator	DTS50-20-3-1	09112005	2016.09.12	2017.09.12

*__statement of traceability:__ ZTE Corporation Reliability Testing Center attest that all calibration have been performed per the NVLAP requirements , traceable to NIST.

Test Procedure

The RF output of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation.
The center of the spectrum analyzer was set to block edge frequency.

Test Data Environmental Conditions

Temperature:	20 °C
Relative Humidity:	53%
ATM Pressure:	1009mbar

Test Result: Pass

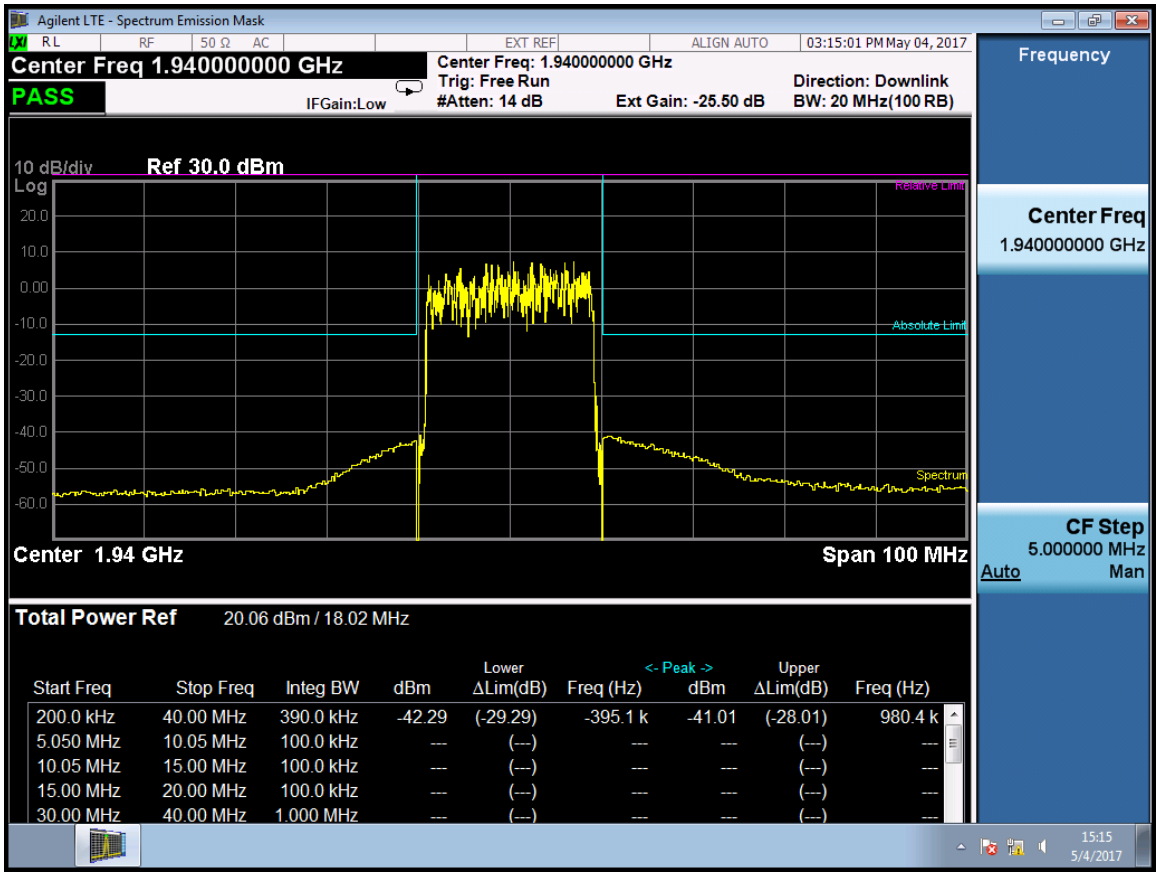
Test Mode: Transmitting LTE

Test Data

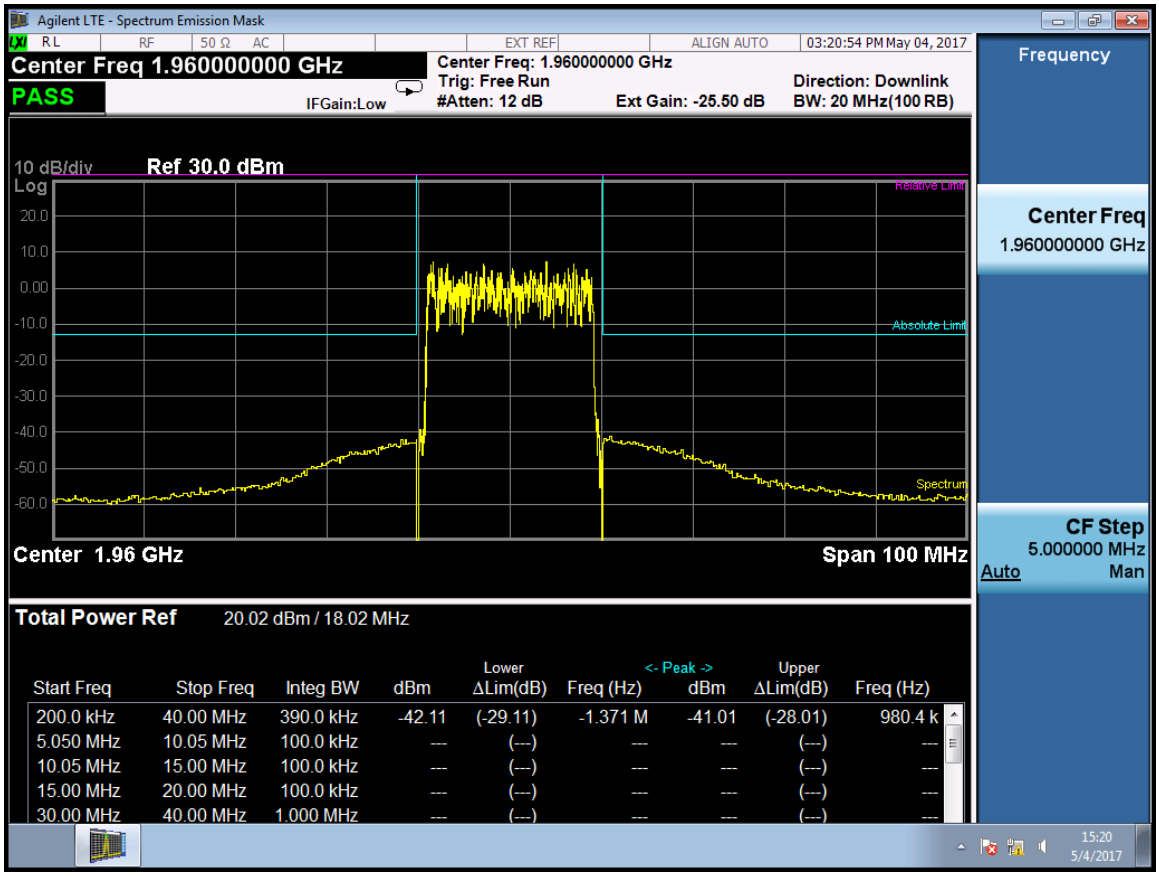
RF Bandwidth :IBW 20M(ETM1.1)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	1940	-41.01	-13
	1960	-41.01	-13
	1980	-41.76	-13
1	1940	-38.73	-13
	1960	-38.74	-13
	1980	-38.41	-13

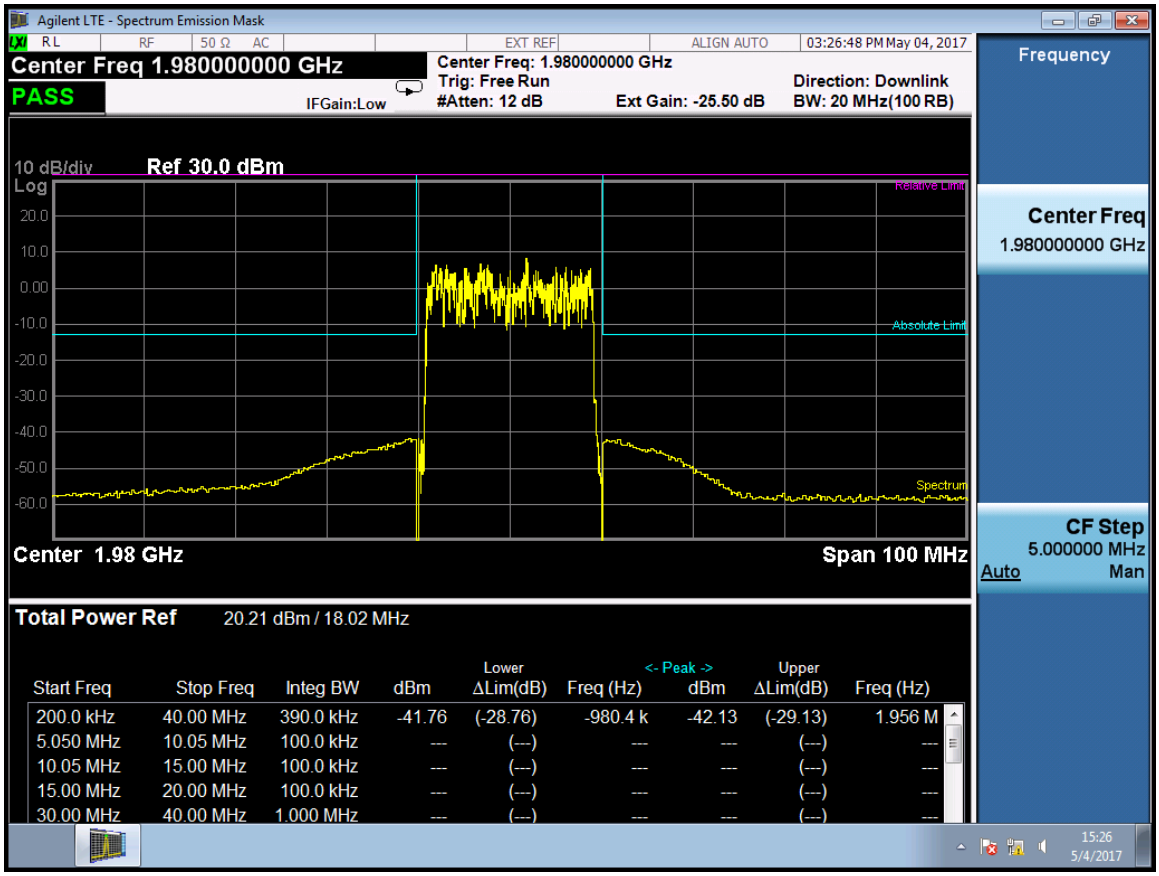
RF 20M(ETM1.1) -Port 0-1940MHz



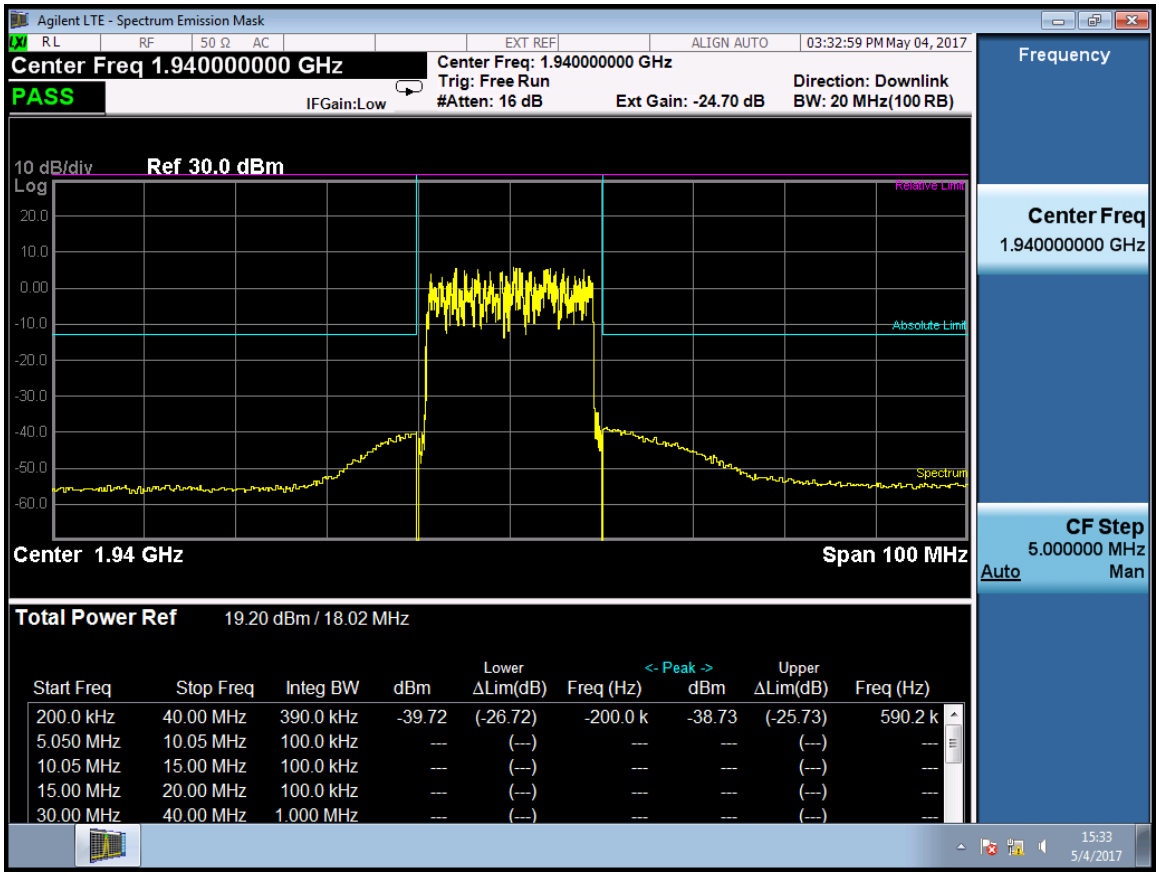
RF 20M(ETM1.1) -Port 0-1960MHz



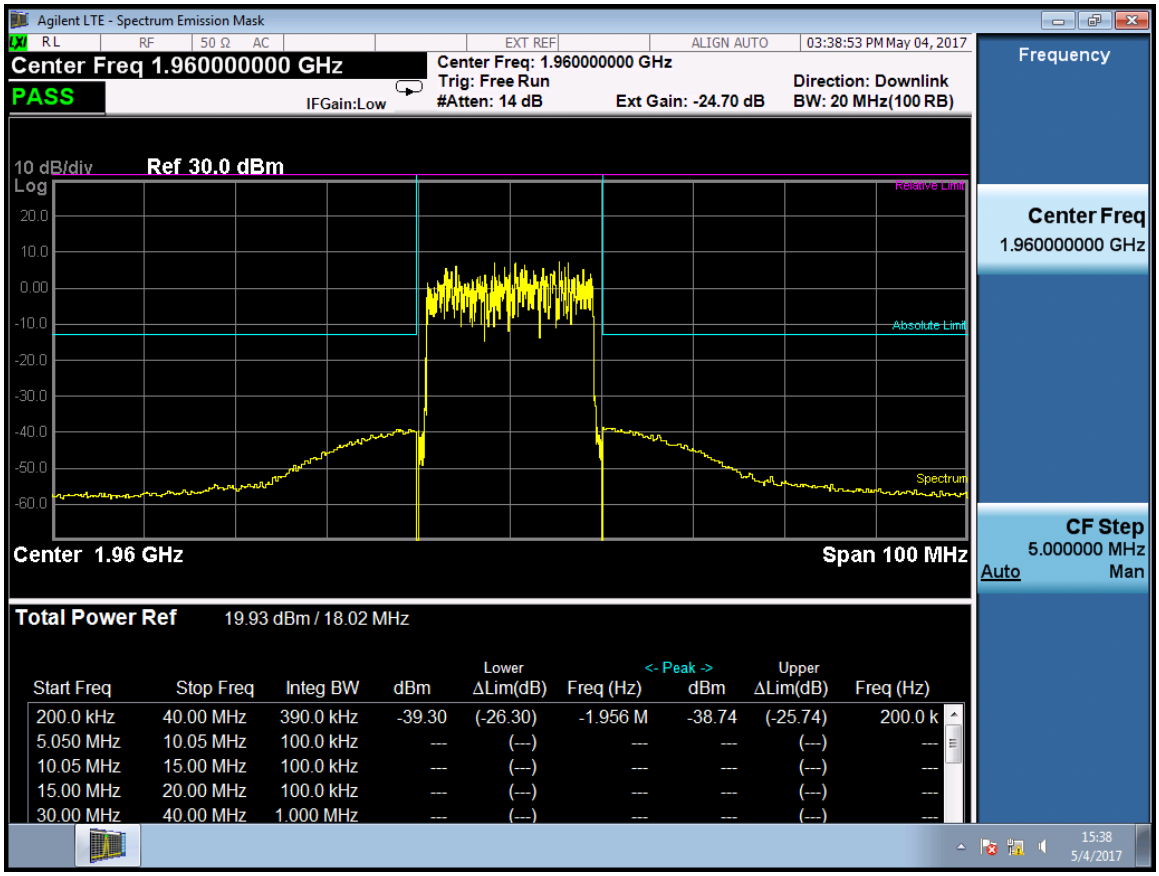
RF 20M(ETM1.1) -Port 0-1980MHz



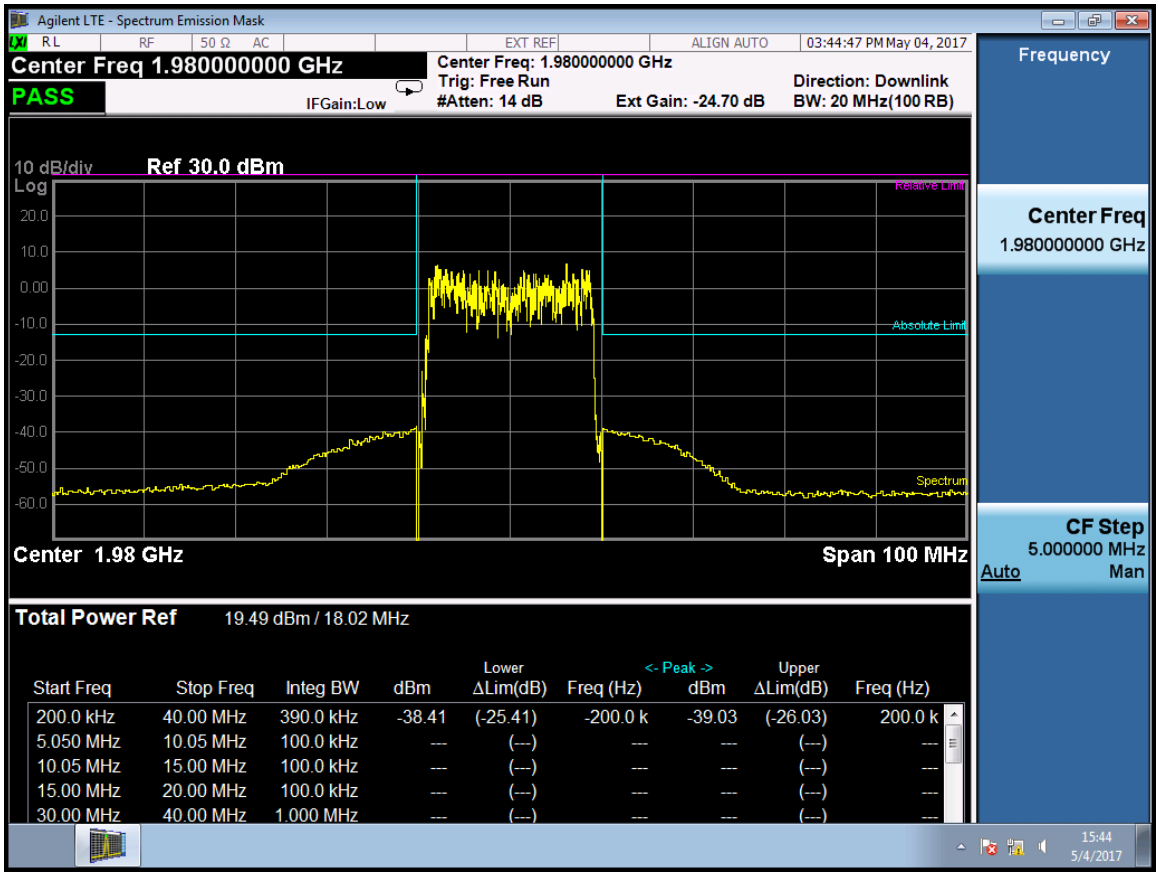
RF 20M(ETM1.1) -Port 1-1940MHz



RF 20M(ETM1.1) -Port 1-1960MHz



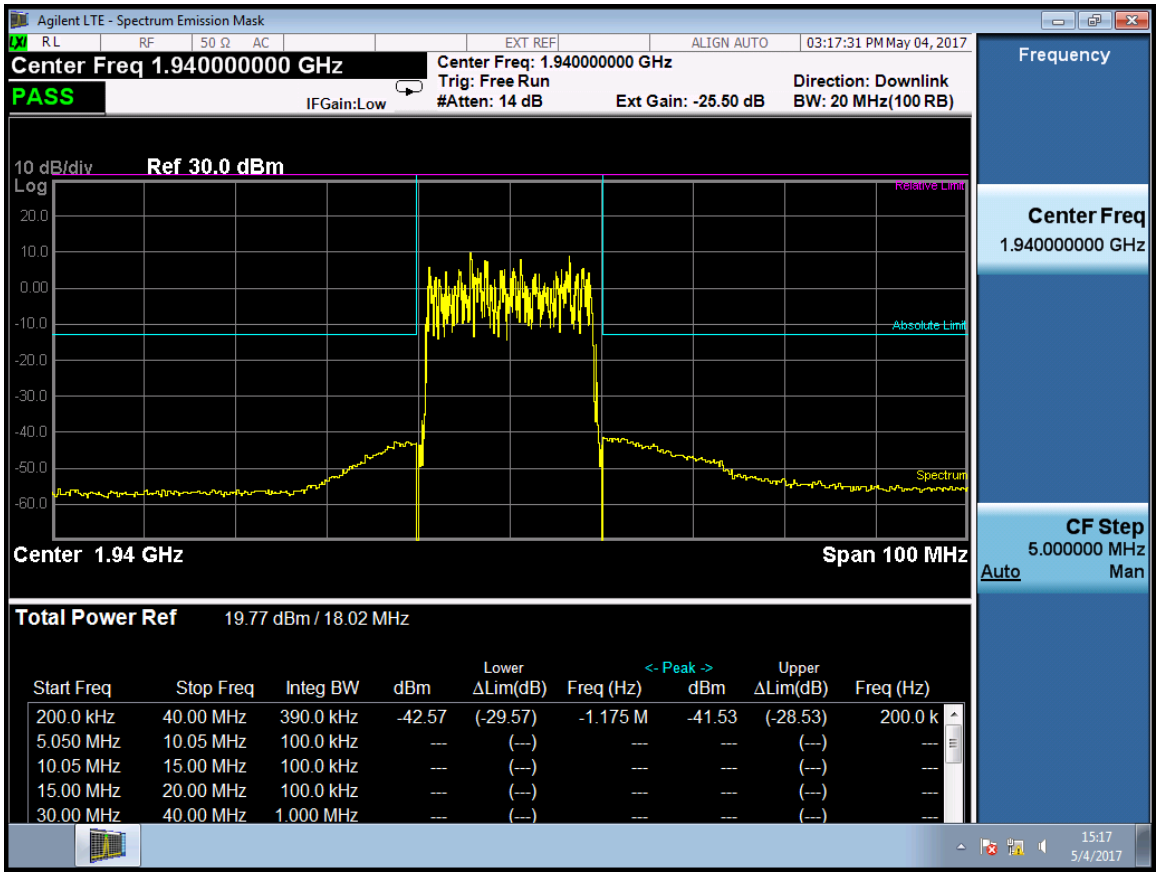
RF 20M(ETM1.1) -Port 1-1980MHz



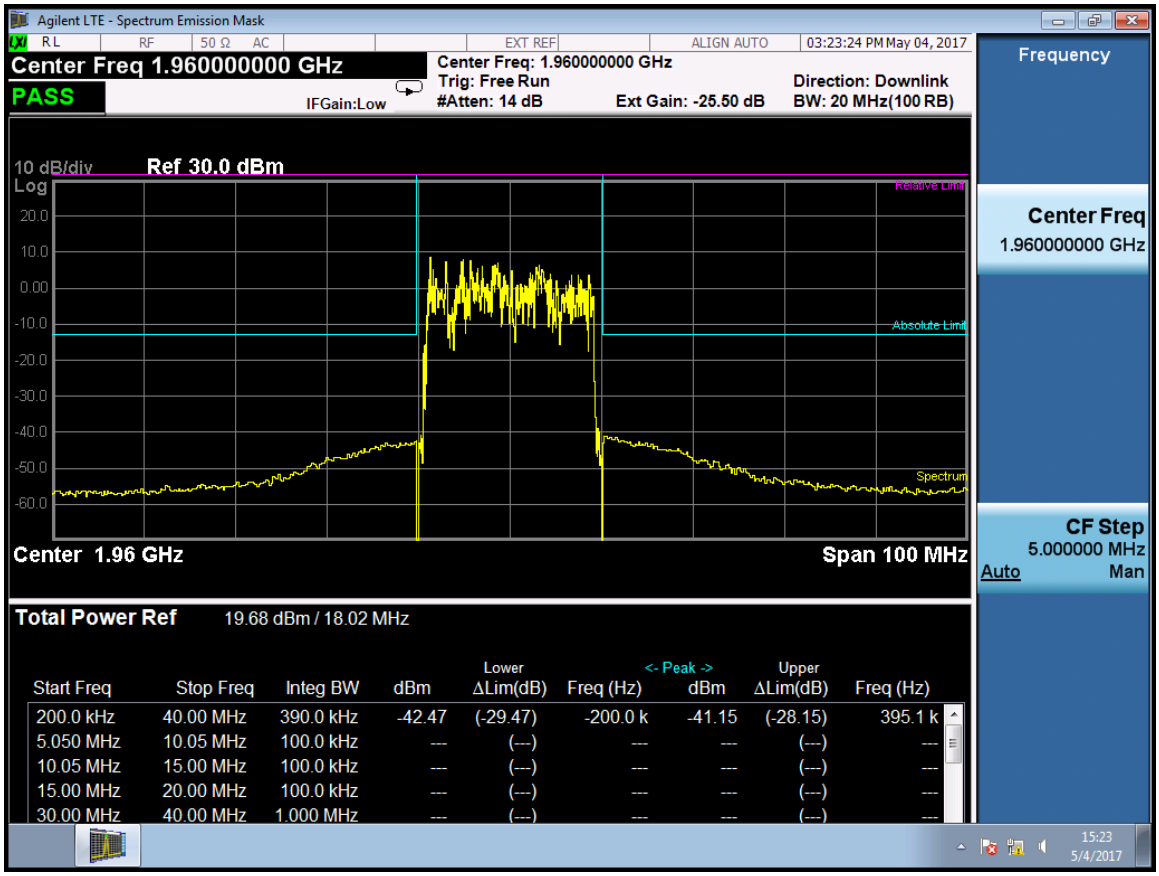
RF Bandwidth :IBW 20M(ETM1.2)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	1940	-41.53	-13
	1960	-41.15	-13
	1980	-41.45	-13
1	1940	-38.88	-13
	1960	-37.78	-13
	1980	-38.31	-13

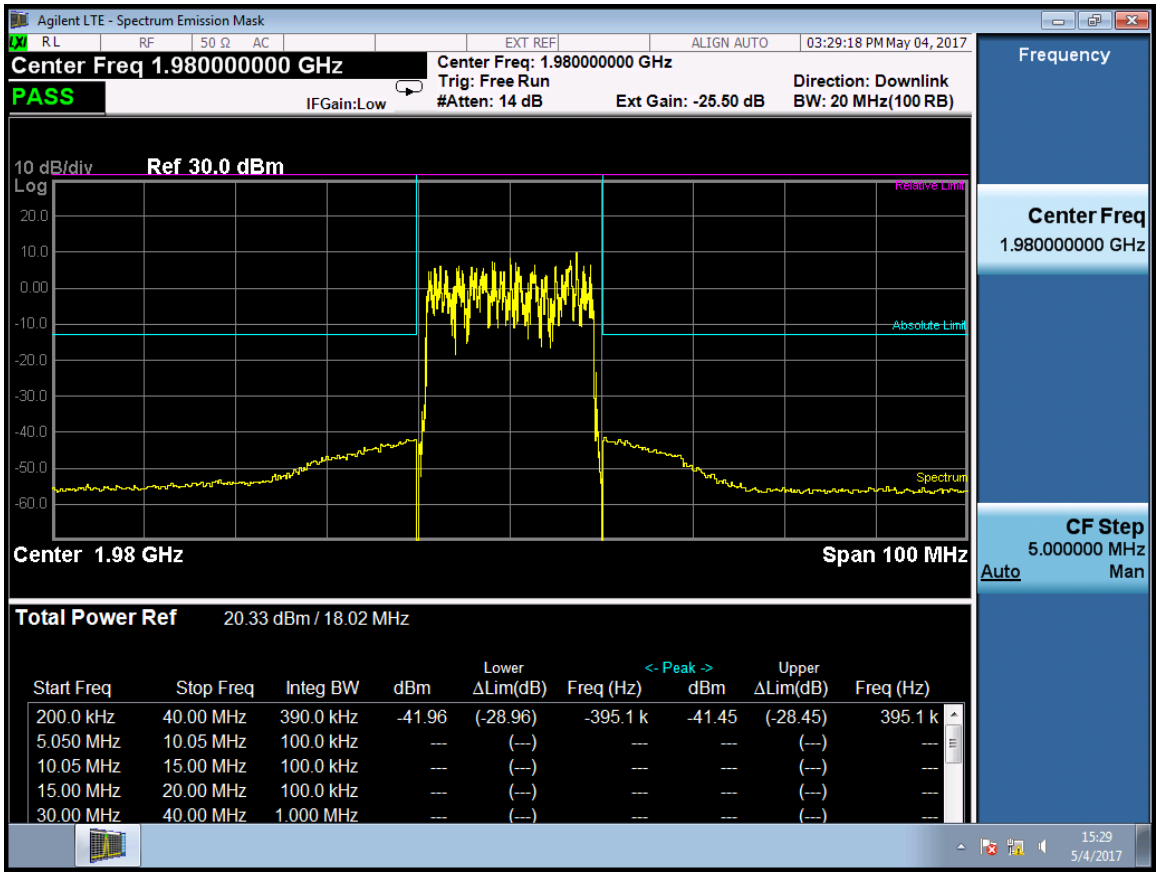
RF 20M(ETM1.2) -Port 0-1940MHz



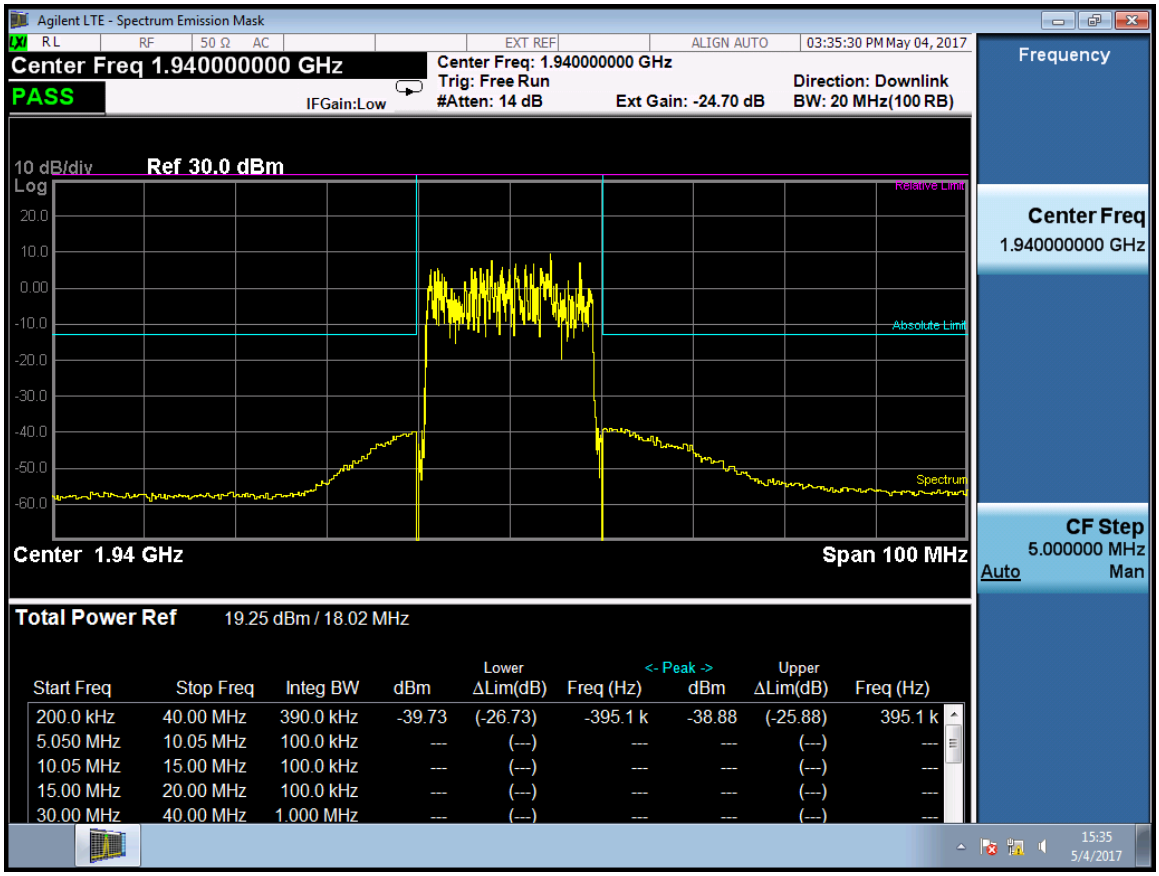
RF 20M(ETM1.2) -Port 0-1960MHz



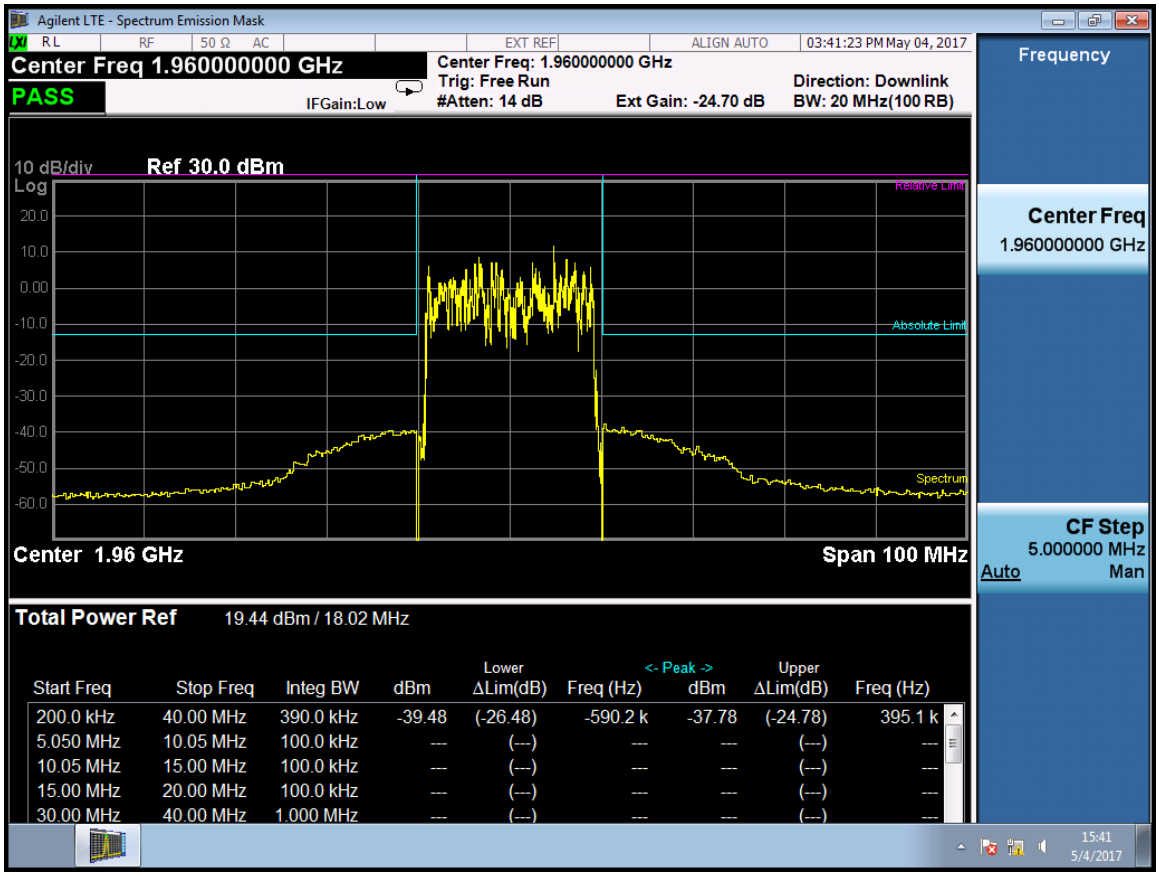
RF 20M(ETM1.2) -Port 0-1980MHz



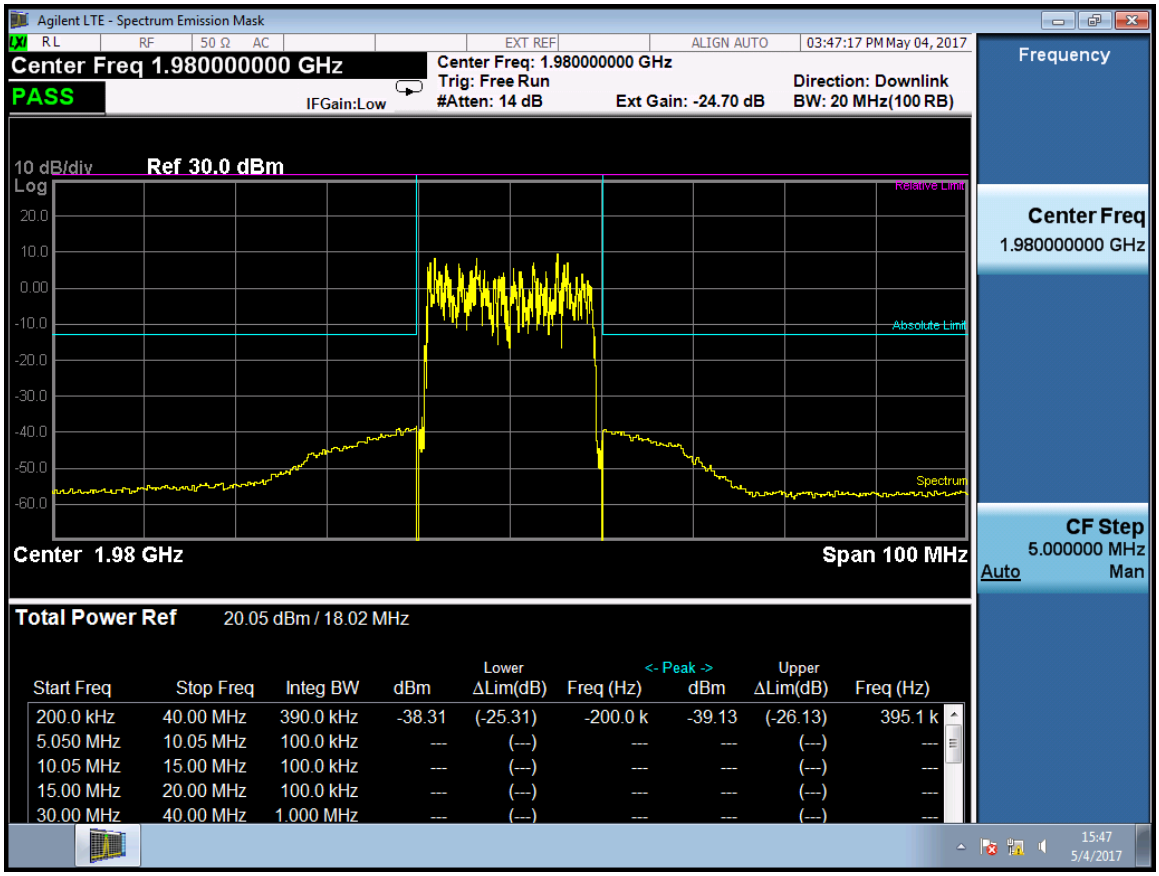
RF 20M(ETM1.2) -Port 1-1940MHz



RF 20M(ETM1.2) -Port 1-1960MHz



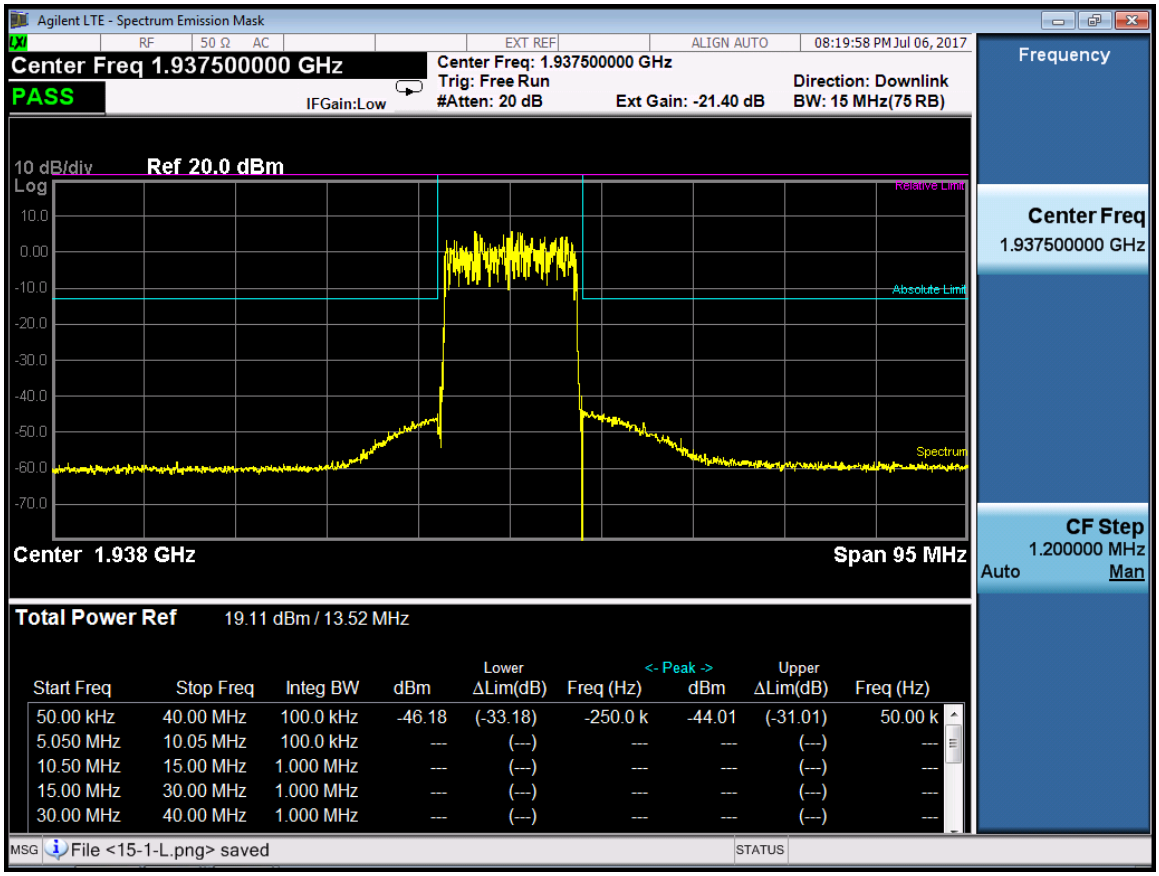
RF 20M(ETM1.2) -Port 1-1980MHz



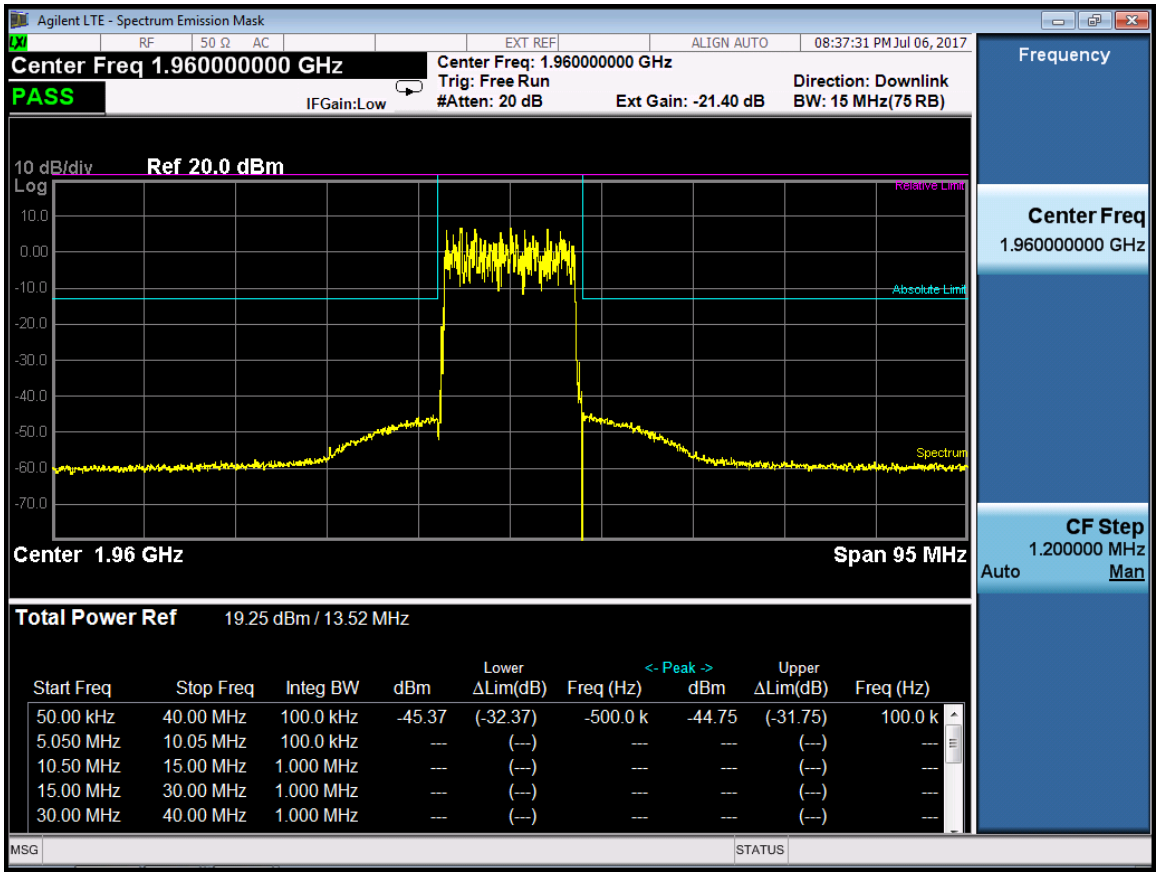
RF Bandwidth :IBW 15M(ETM1.1)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	1937.5	-44.01	-13
	1960	-44.75	-13
	1982.5	-44.78	-13
1	1937.5	-41.1	-13
	1960	-42.08	-13
	1982.5	-42.4	-13

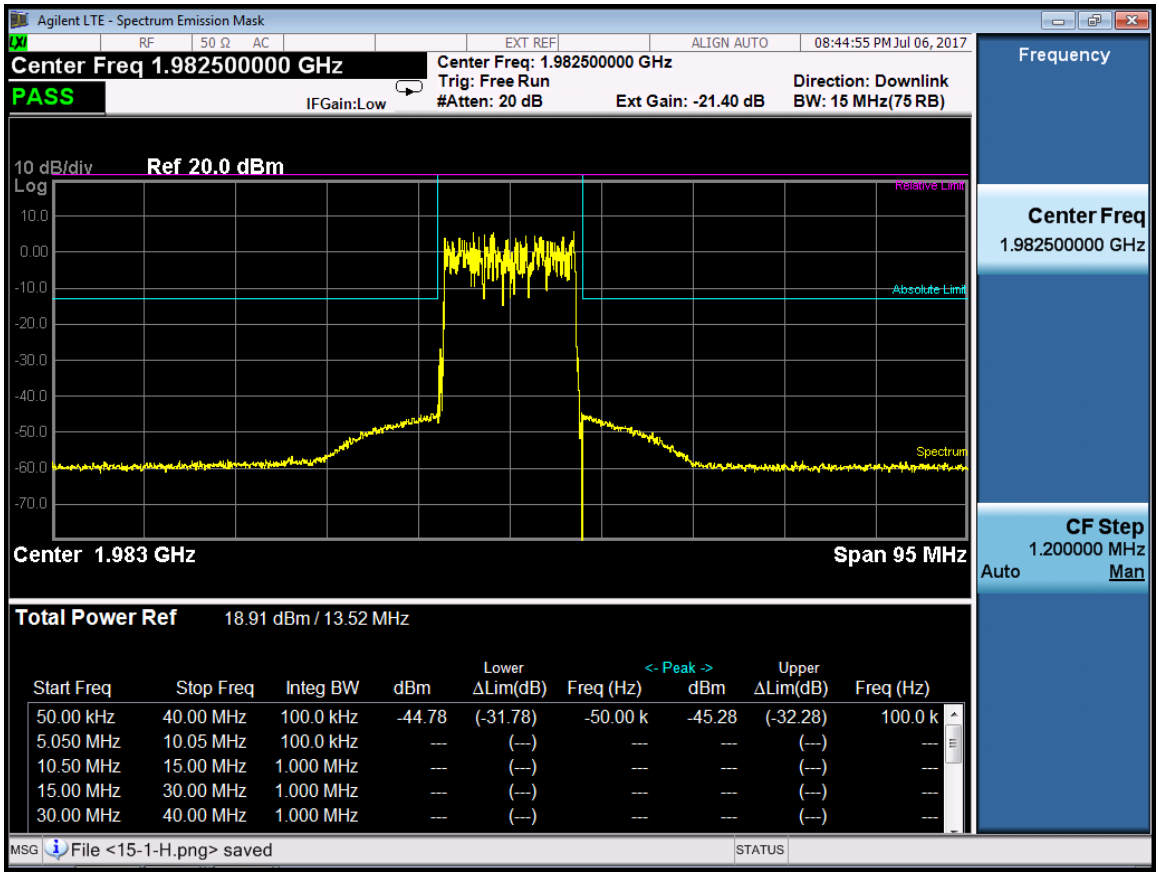
RF 15M(ETM1.1) -Port 0-1937.5MHz



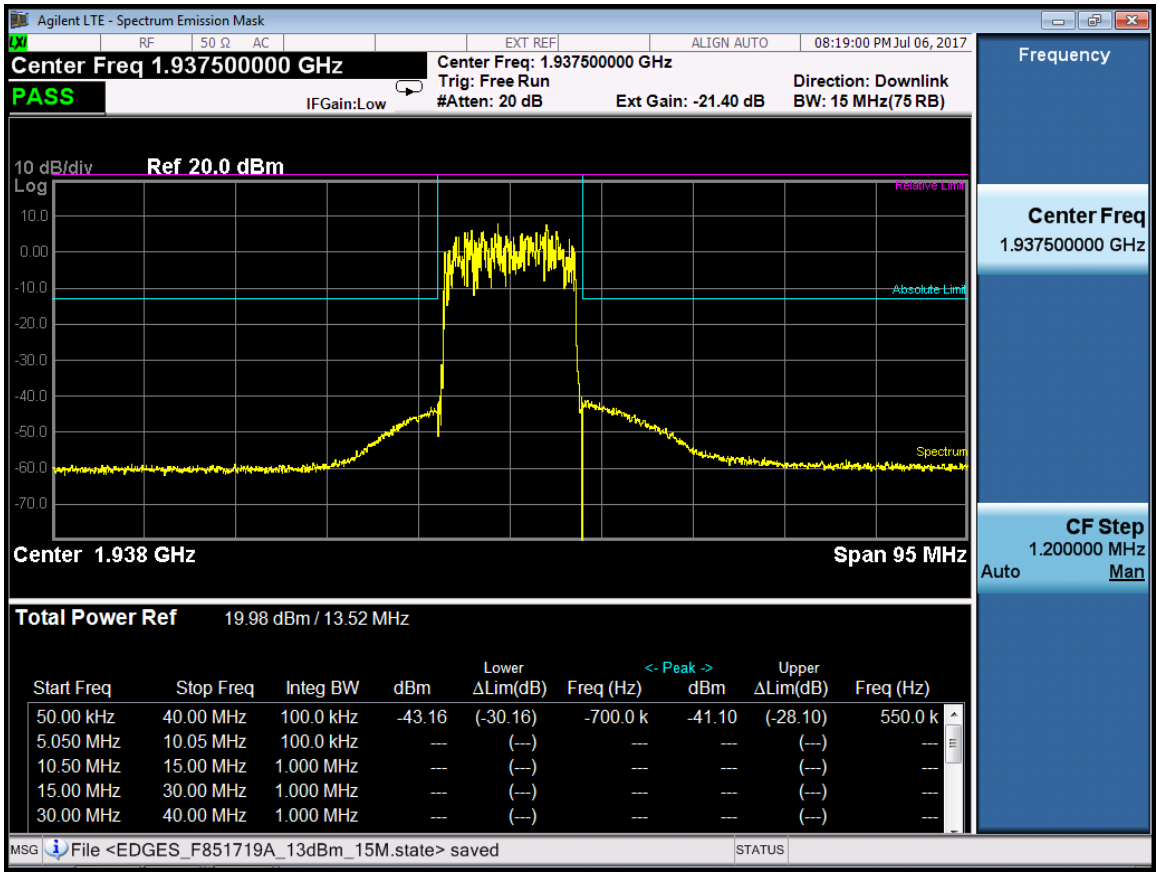
RF 15M(ETM1.1) -Port 0-1960MHz



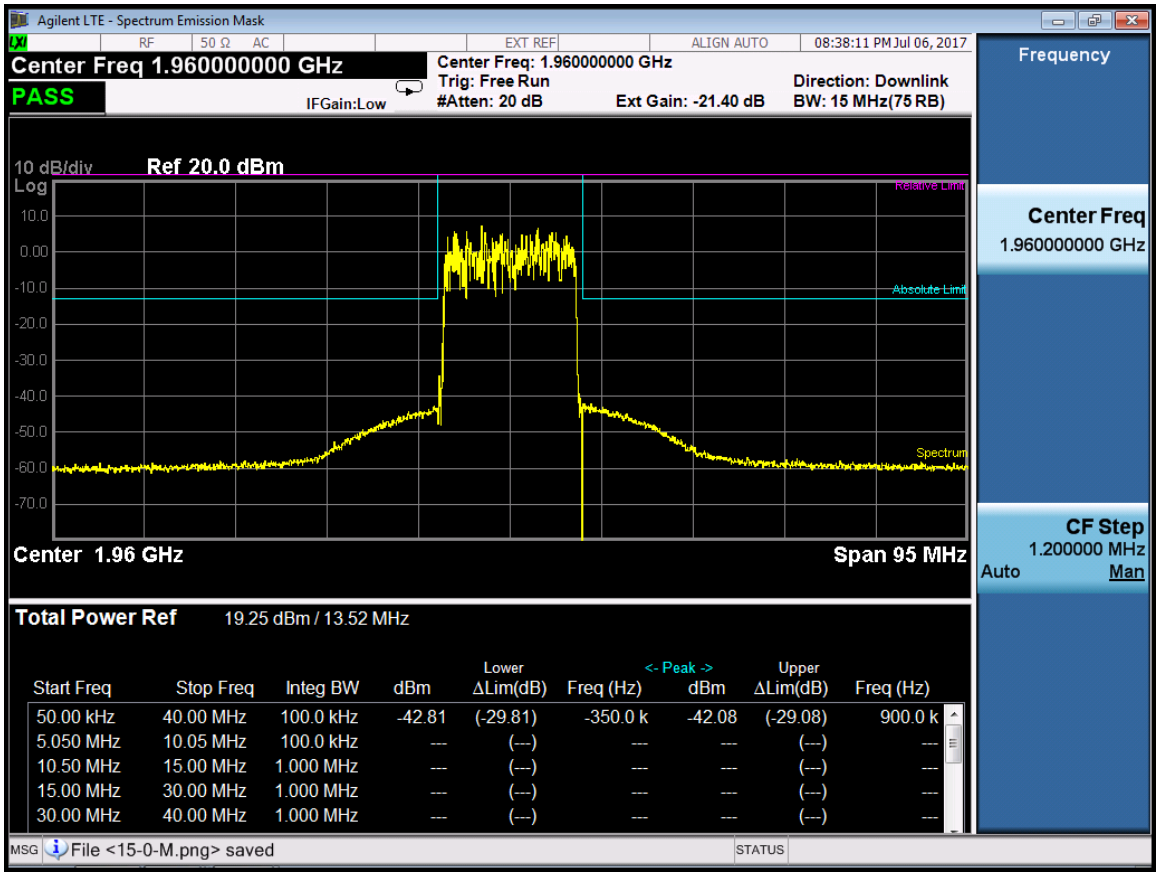
RF 15M(ETM1.1) -Port 0-1982.5MHz



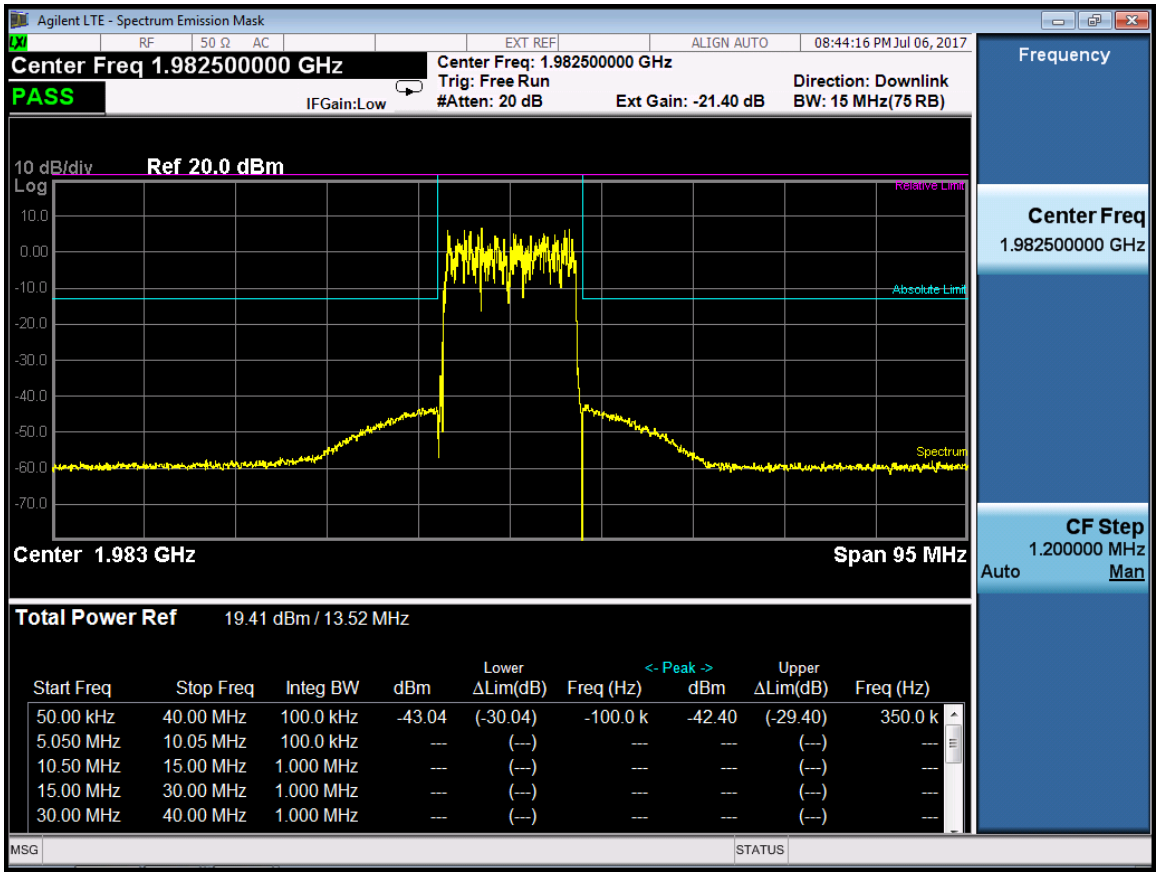
RF 15M(ETM1.1) -Port 1-1937.5MHz



RF 15M(ETM1.1) -Port 1-1960MHz



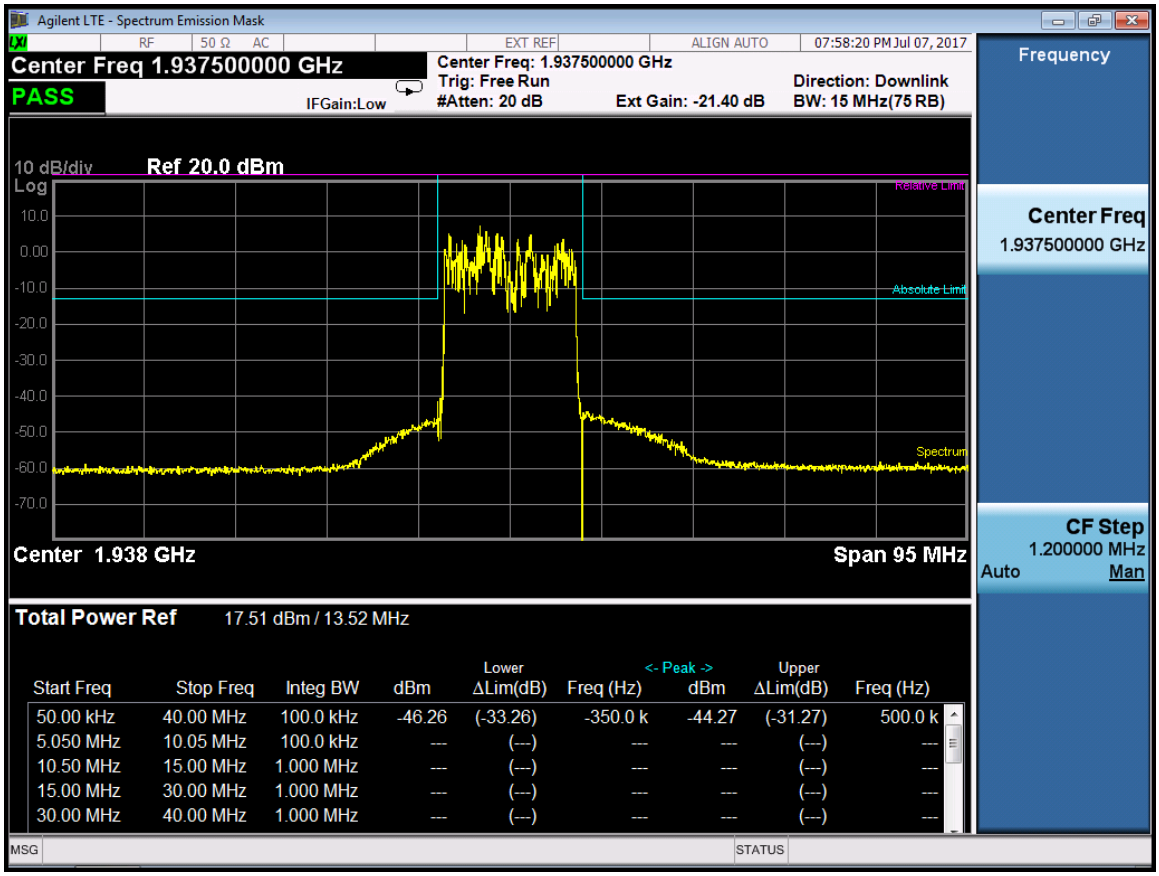
RF 15M(ETM1.1) -Port 1-1982.5MHz



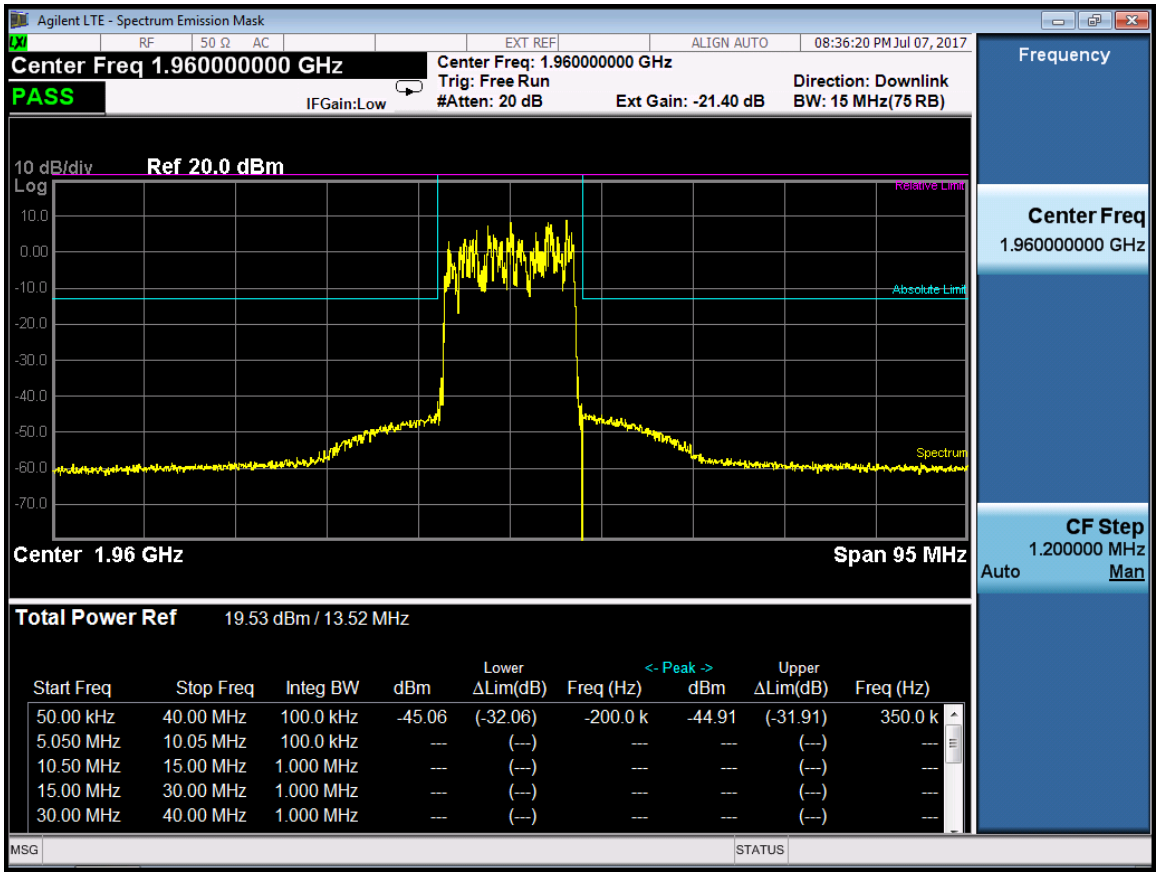
RF Bandwidth :IBW 15M(ETM1.2)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	1937.5	-44.27	-13
	1960	-44.91	-13
	1982.5	-45.28	-13
1	1937.5	-42.98	-13
	1960	-42.96	-13
	1982.5	-44.05	-13

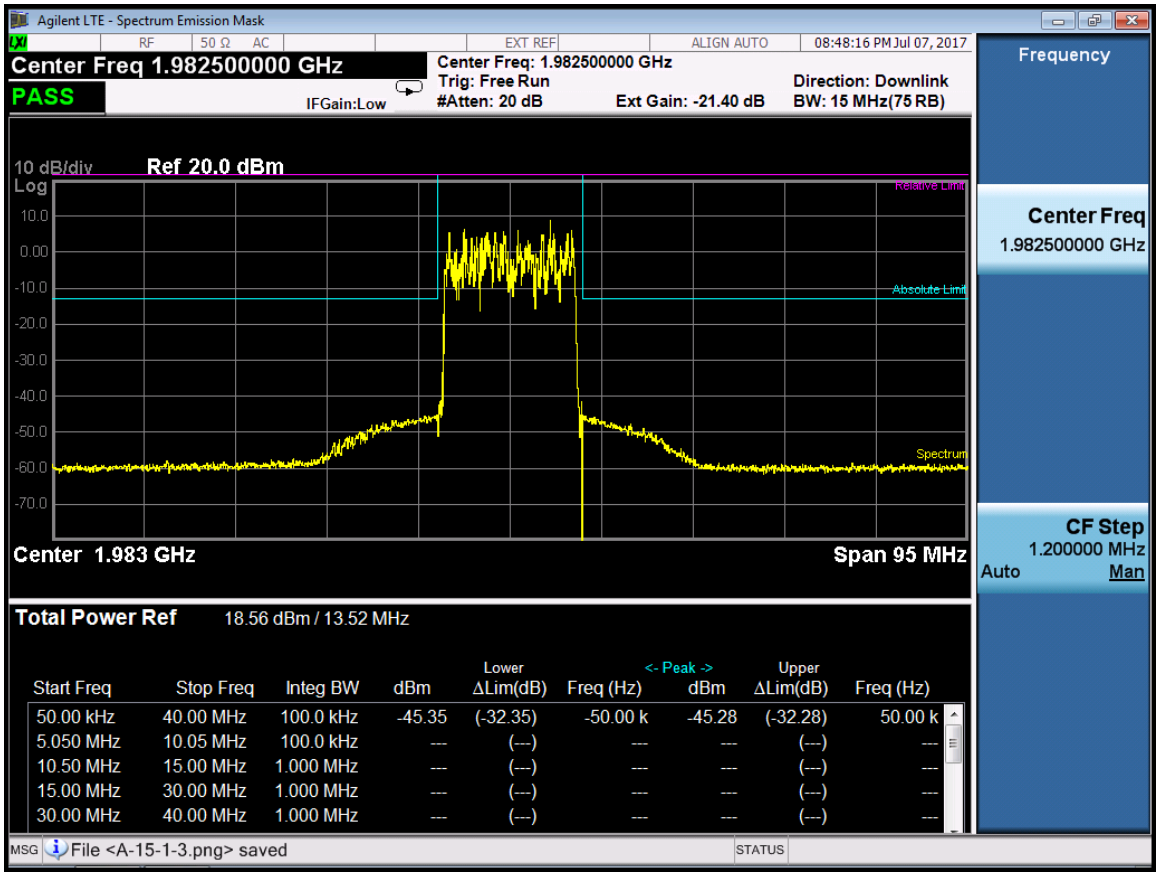
RF 15M(ETM1.2) -Port 0-1937.5MHz



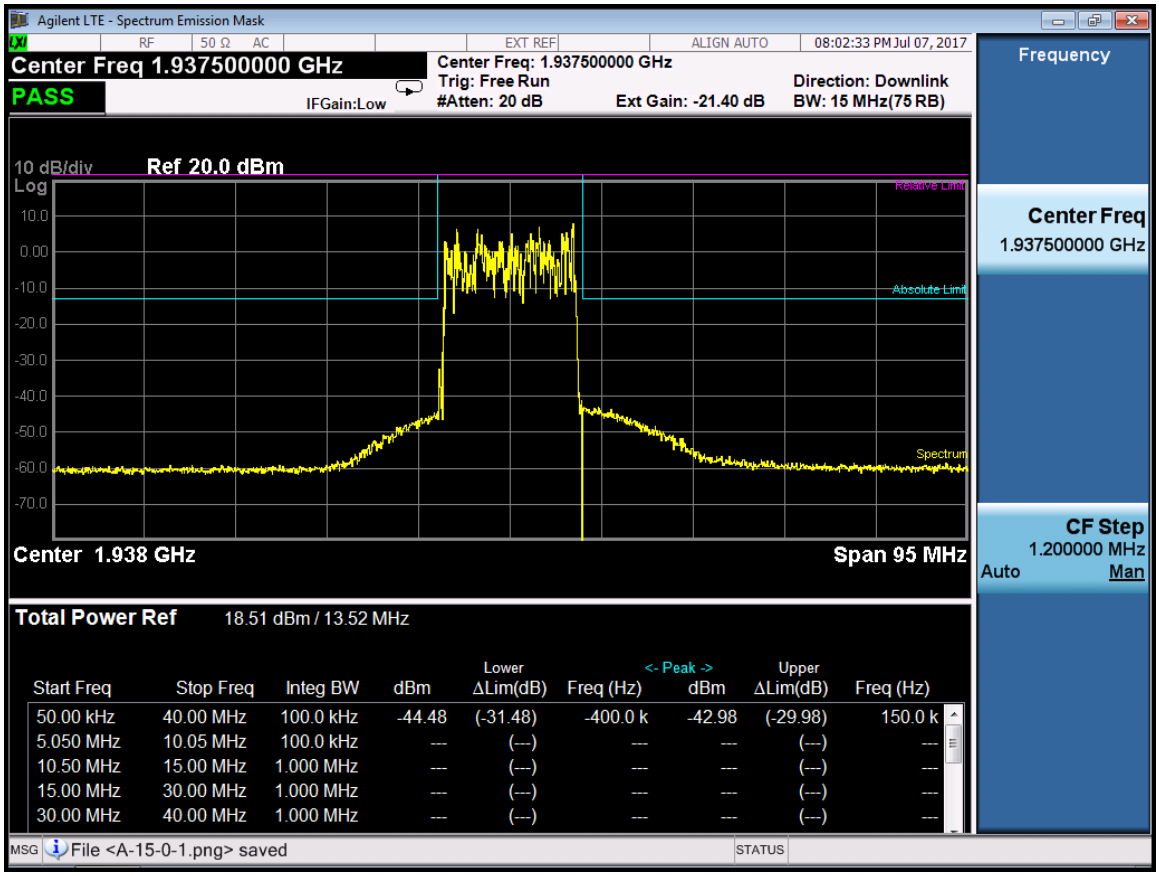
RF 15M(ETM1.2) -Port 0-1960MHz



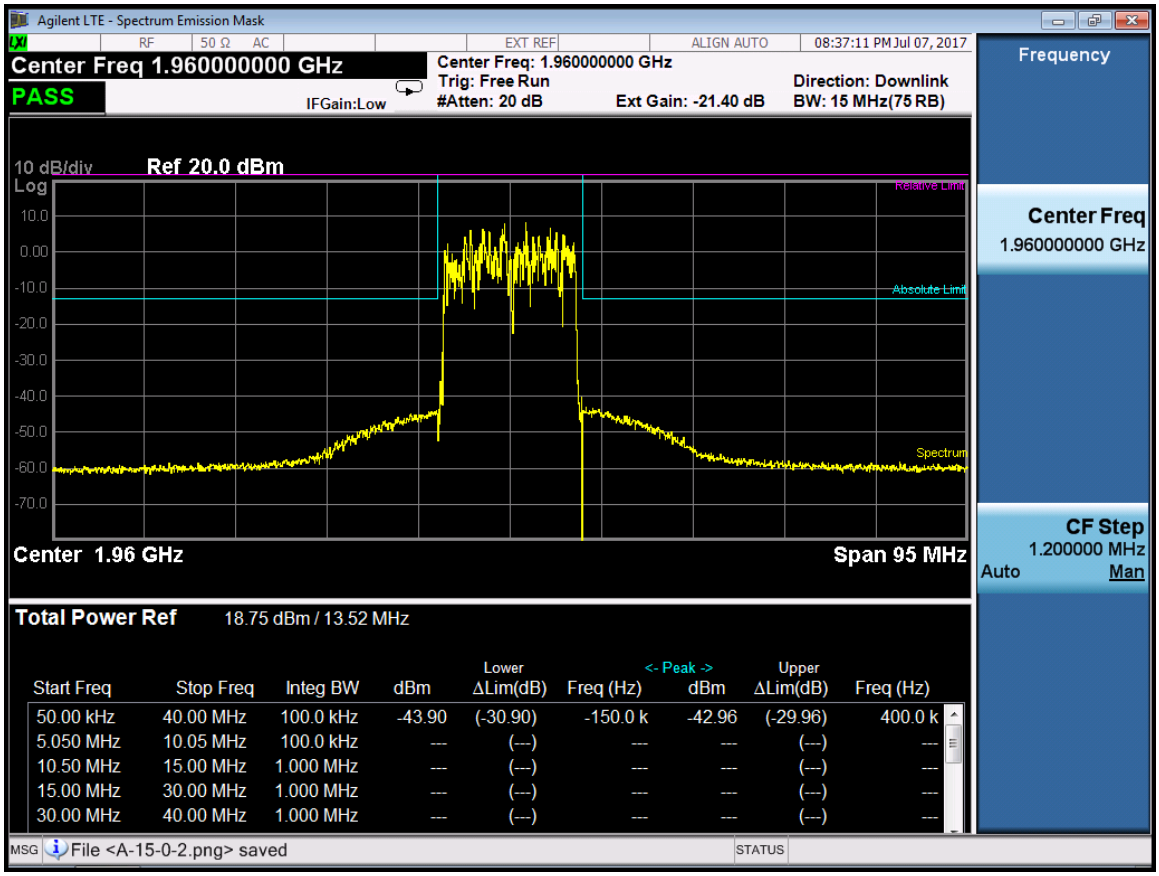
RF 15M(ETM1.2) -Port 0-1982.5MHz



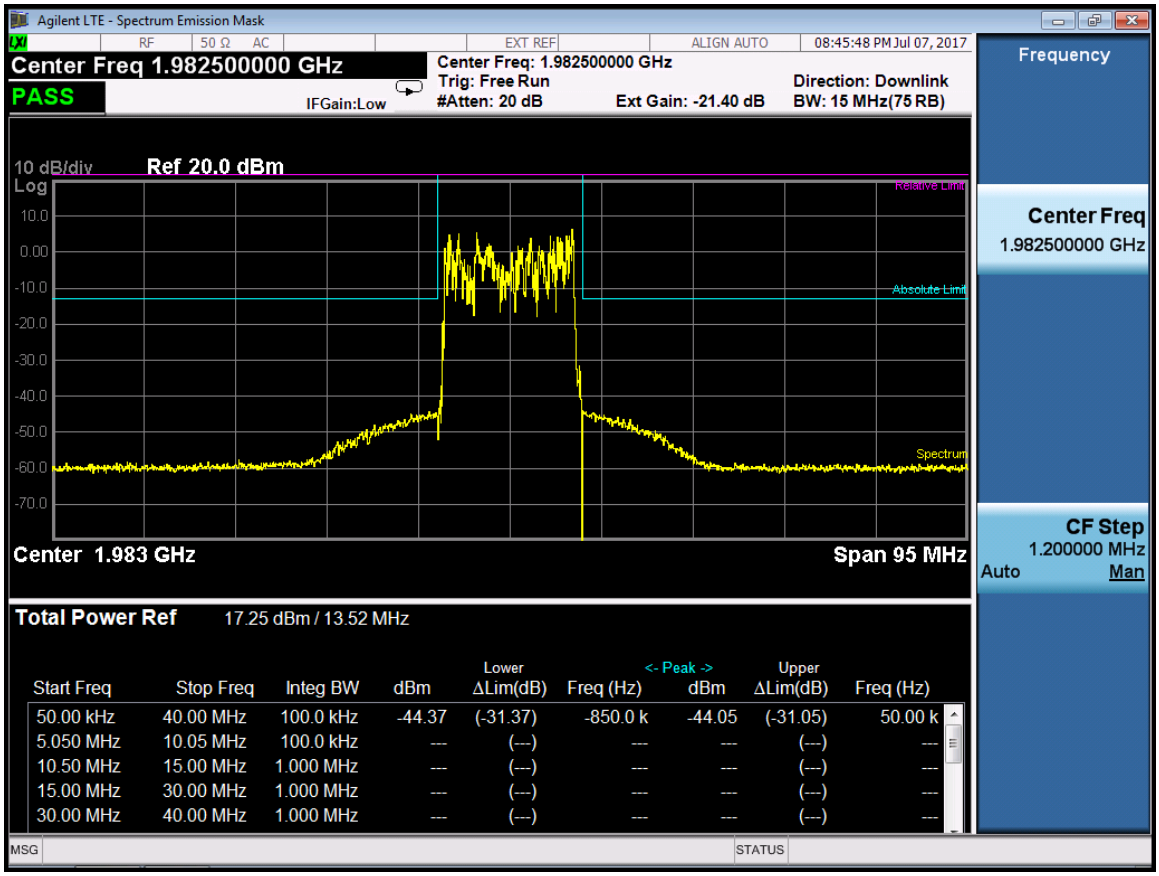
RF 15M(ETM1.2) -Port 1-1937.5MHz



RF 15M(ETM1.2) -Port 1-1960MHz



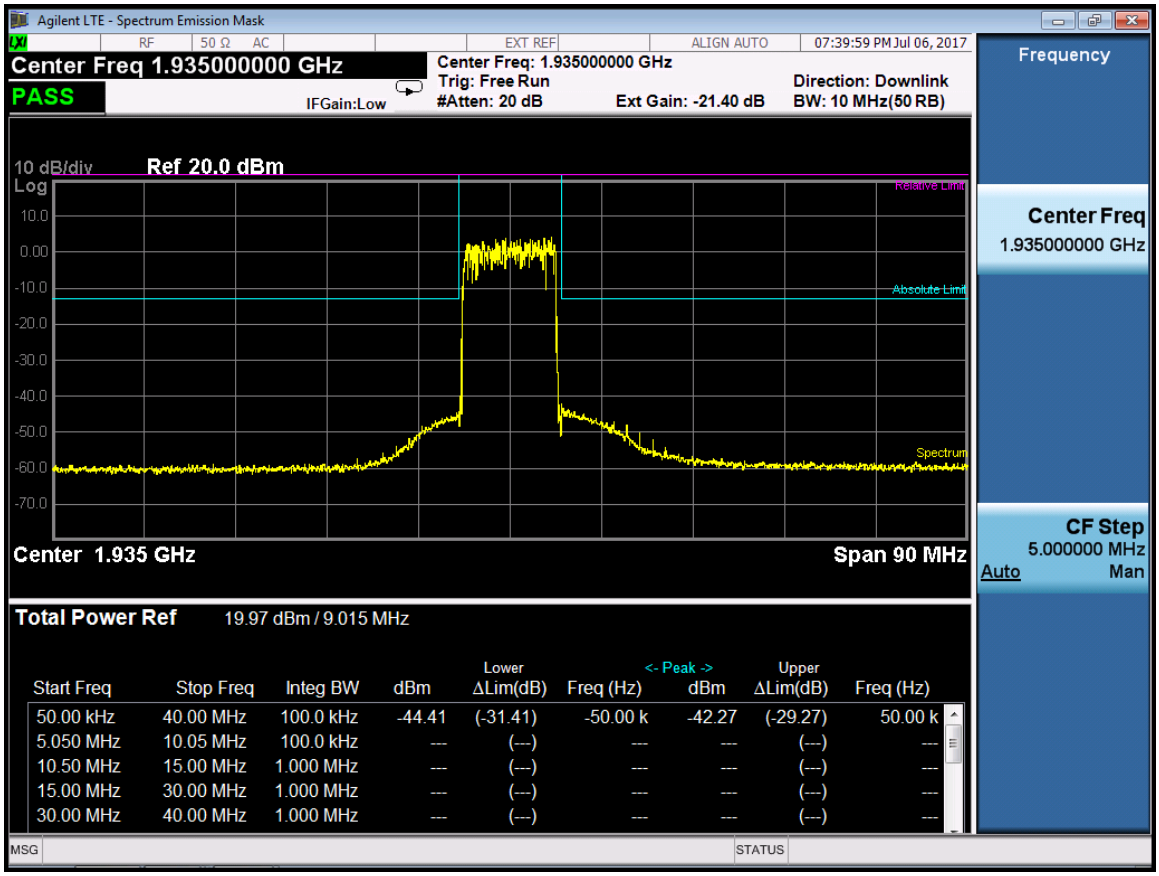
RF 15M(ETM1.2) -Port 1-1982.5MHz



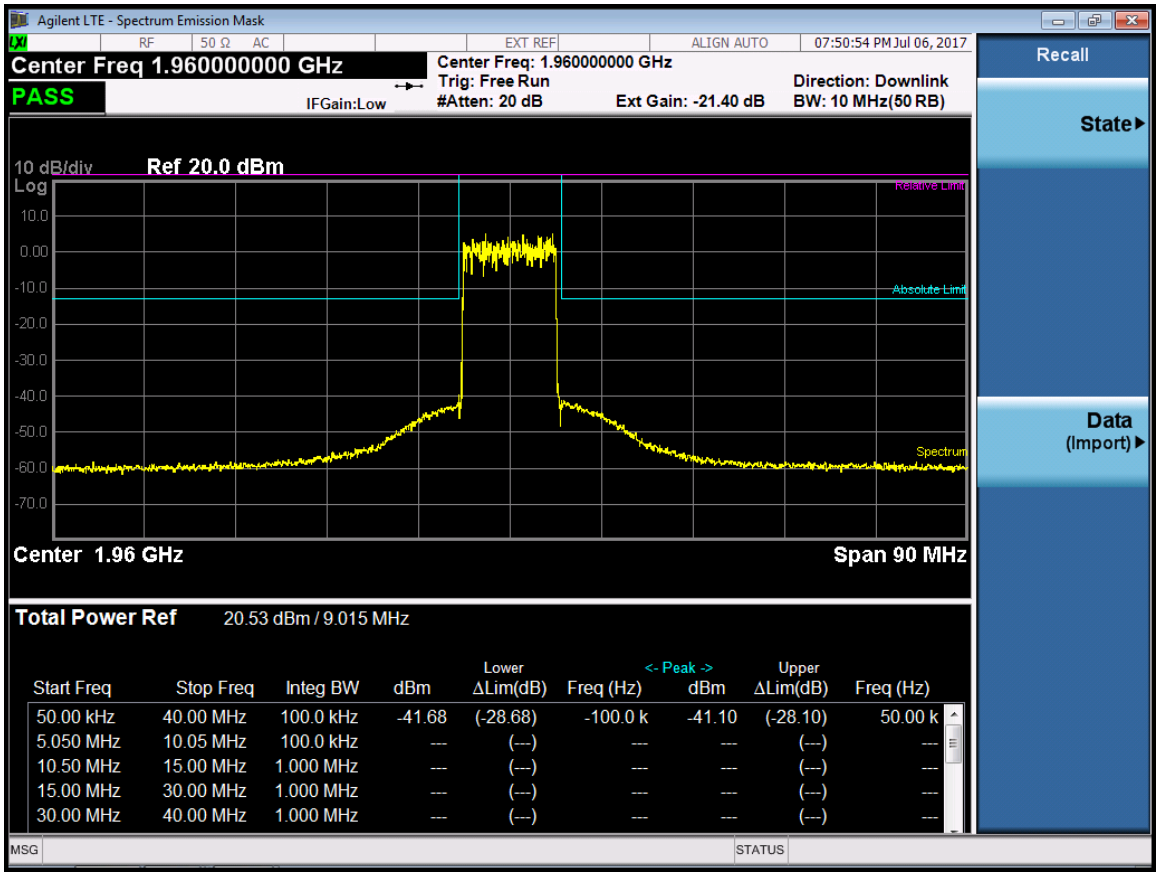
RF Bandwidth :IBW 10M(ETM1.1)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	1935	-42.27	-13
	1960	-41.1	-13
	1985	-43.87	-13
1	1935	-39.93	-13
	1960	-41.1	-13
	1985	-41.12	-13

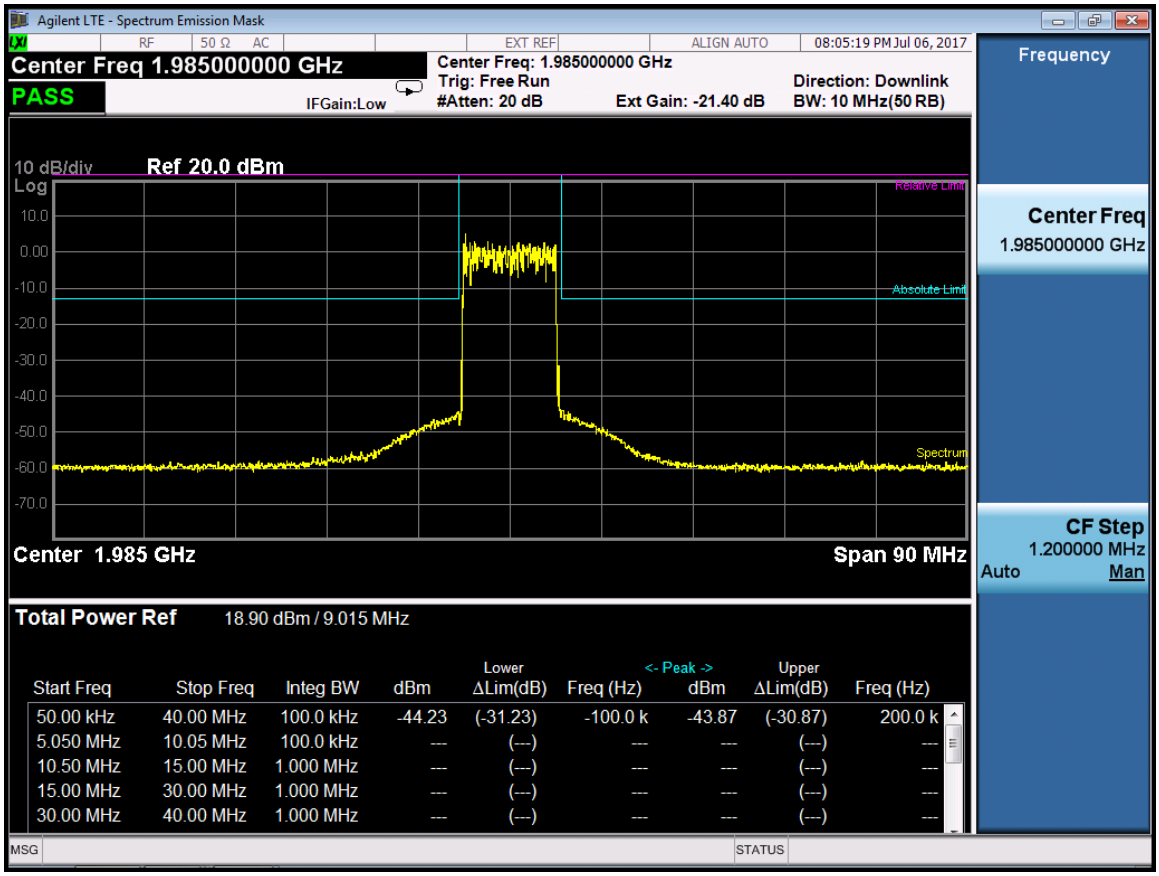
RF 10M(ETM1.1) -Port 0-1935MHz



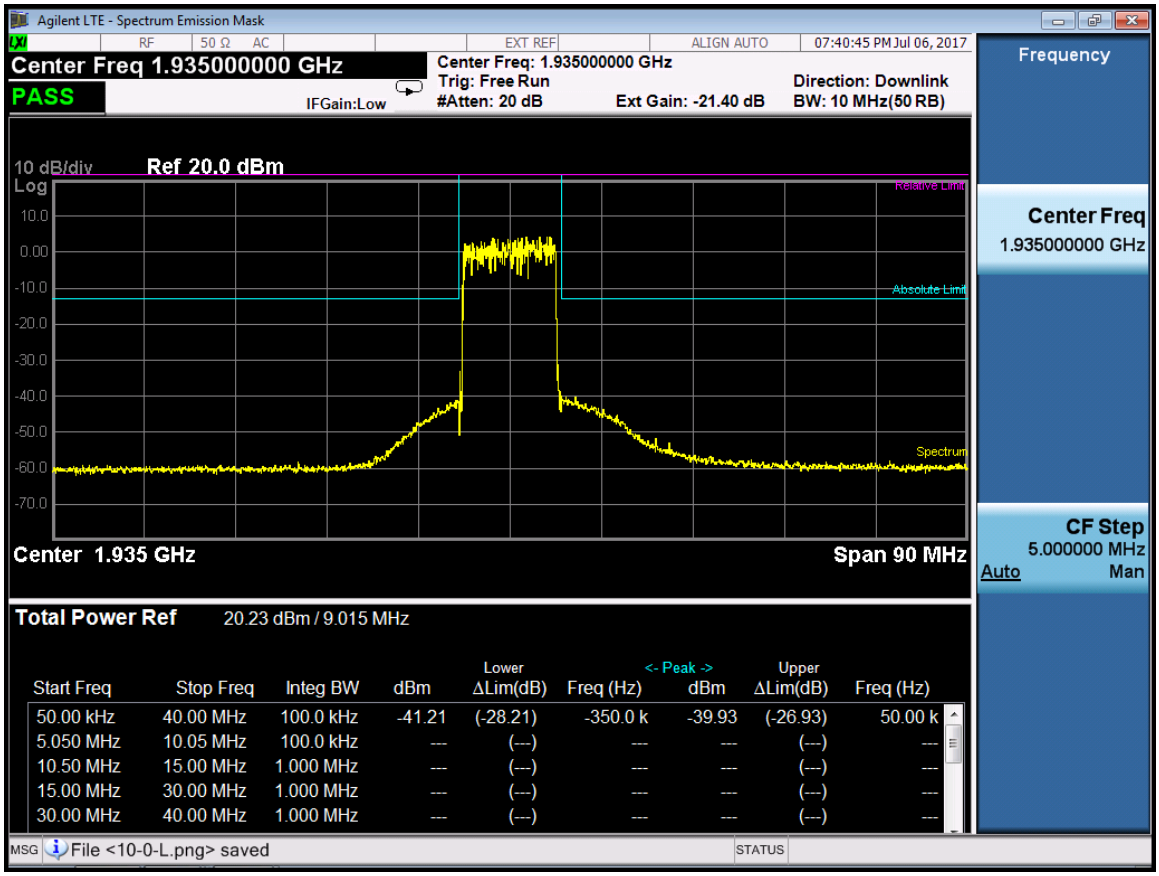
RF 10M(ETM1.1) -Port 0-1960MHz



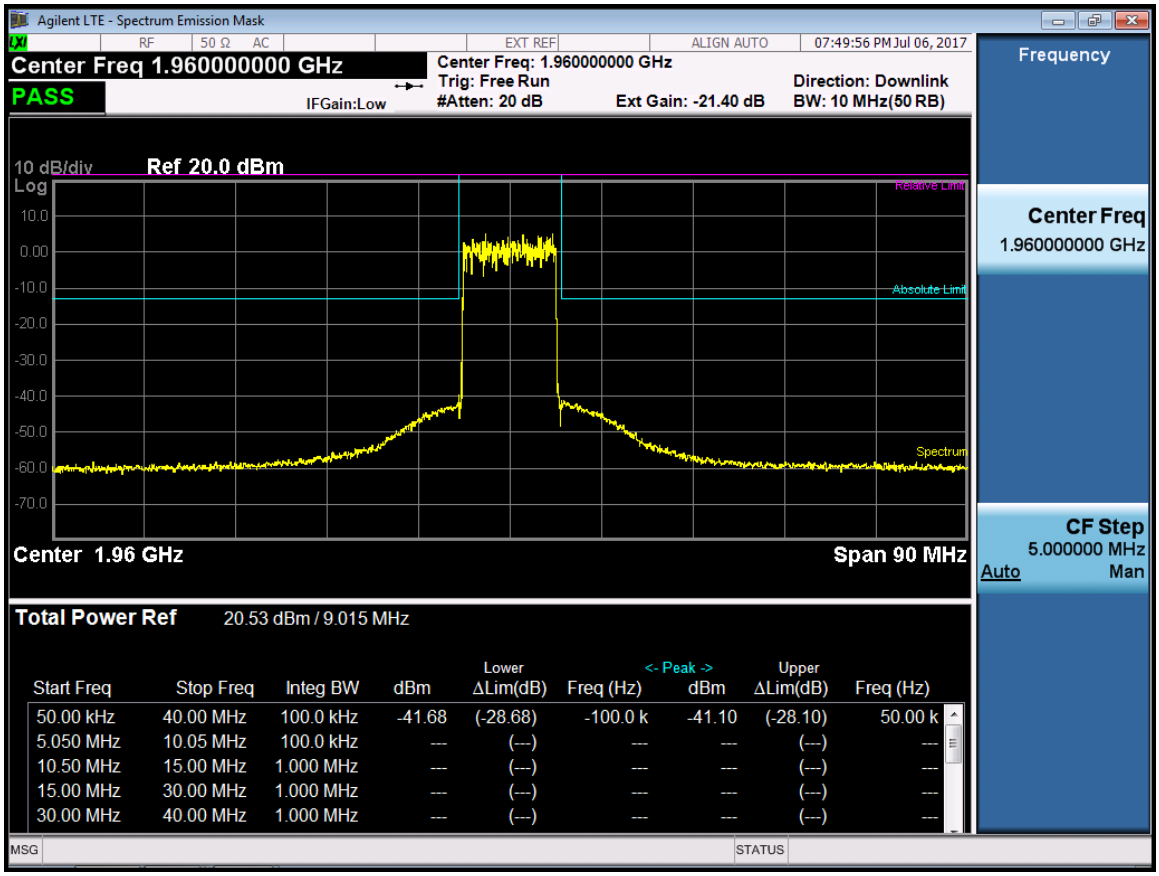
RF 10M(ETM1.1) -Port 0-1985MHz



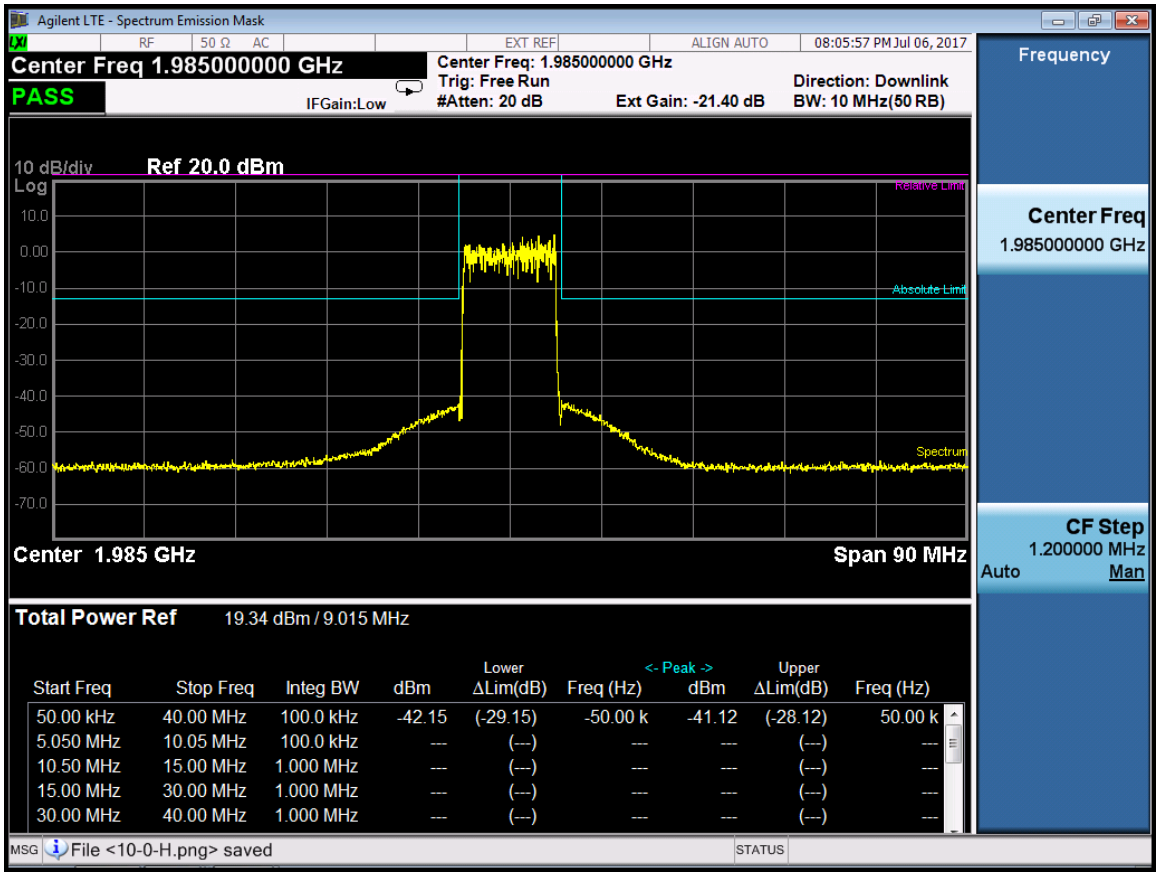
RF 10M(ETM1.1) -Port 1-1935MHz



RF 10M(ETM1.1) -Port 1-1960MHz



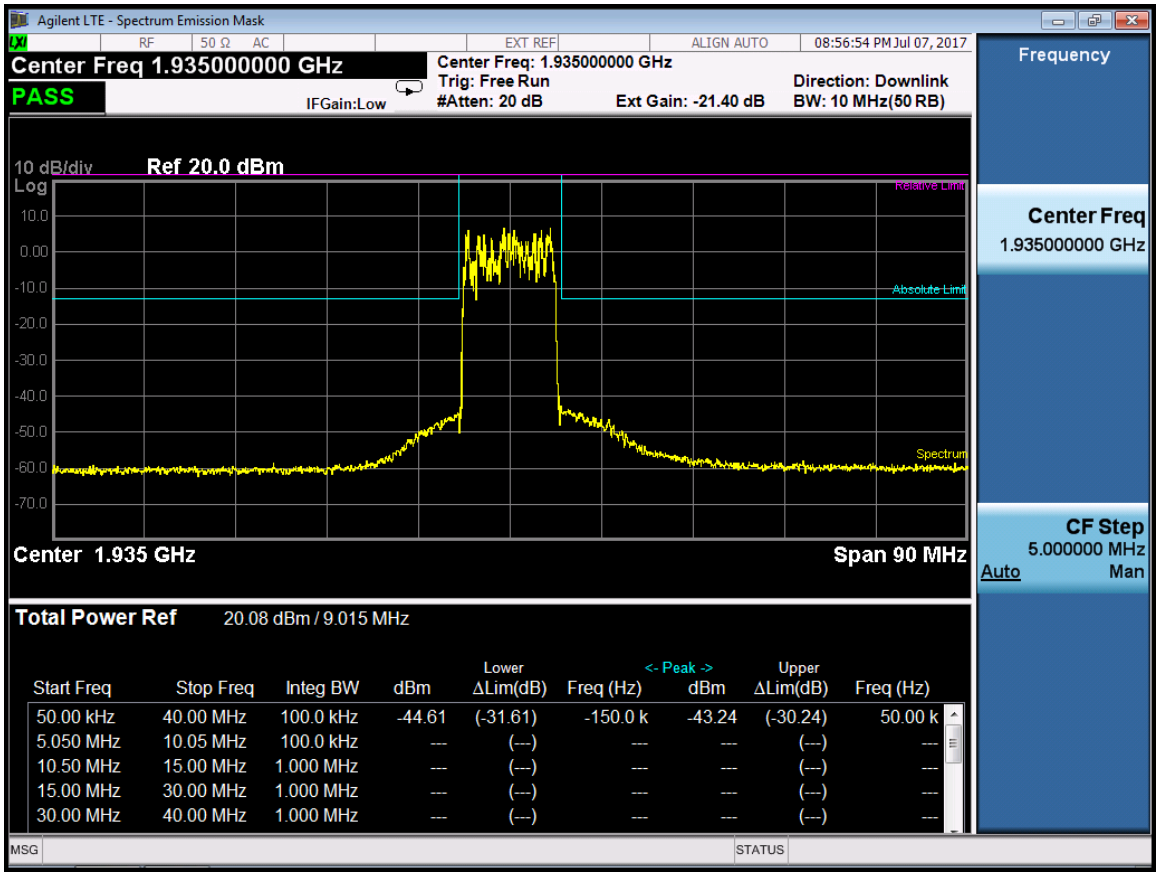
RF 10M(ETM1.1) -Port 1-1985MHz



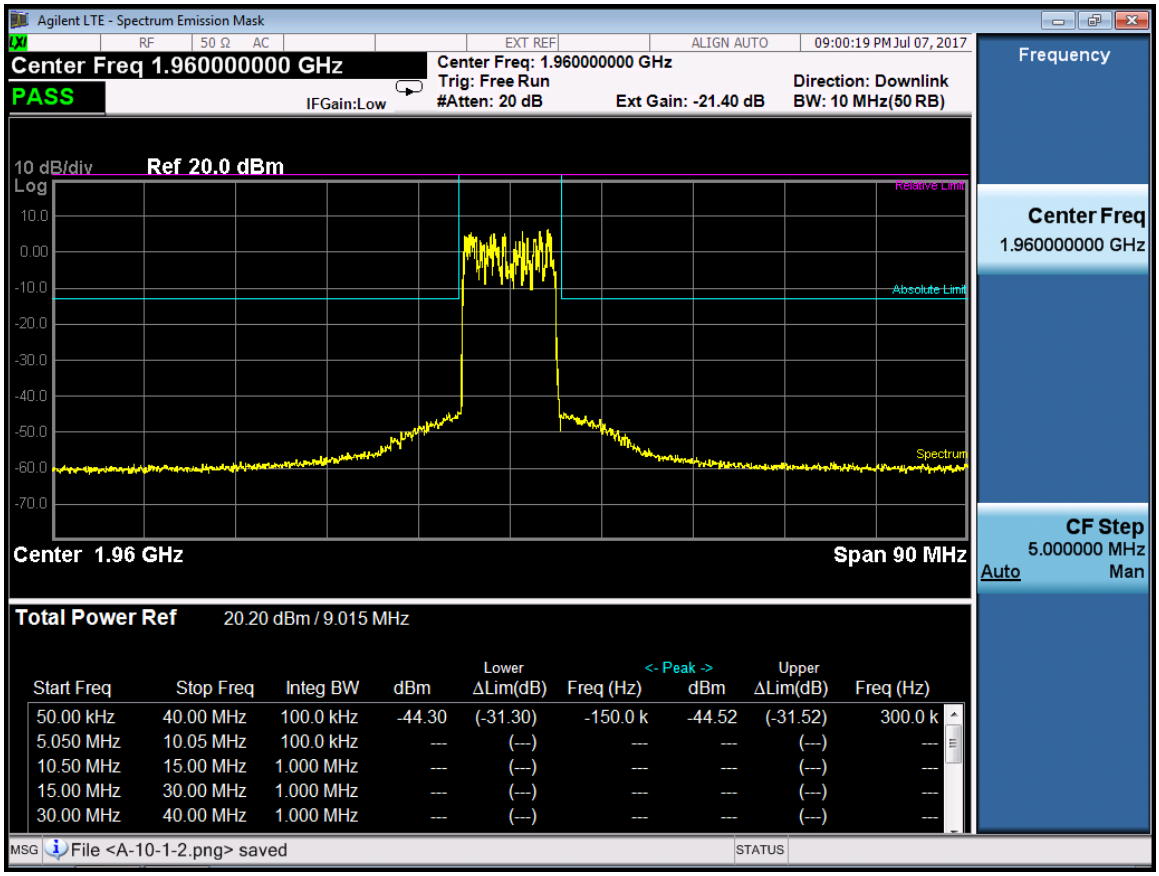
RF Bandwidth :IBW 10M(ETM1.2)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	1935	-43.24	-13
	1960	-44.30	-13
	1985	-44.31	-13
1	1935	-41.34	-13
	1960	-41.92	-13
	1985	-42.46	-13

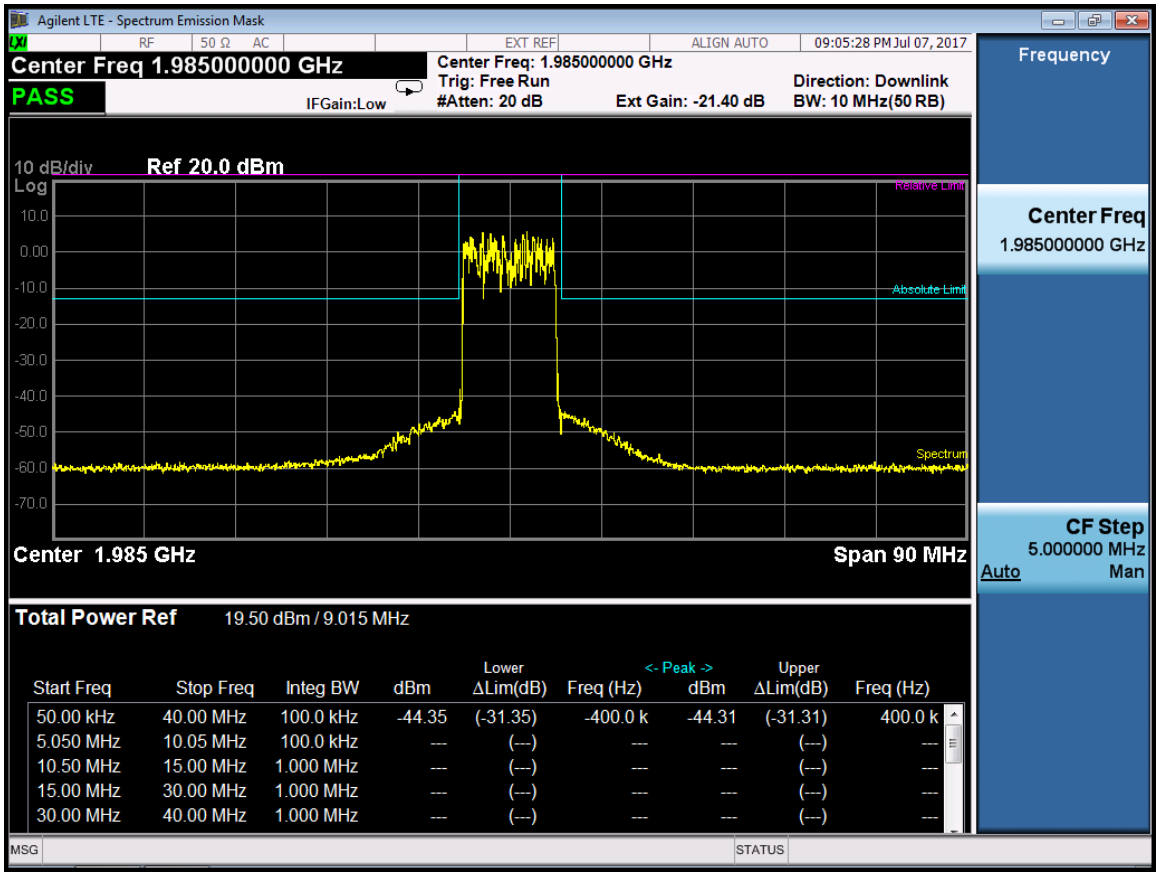
RF 10M(ETM1.2) -Port 0-1935MHz



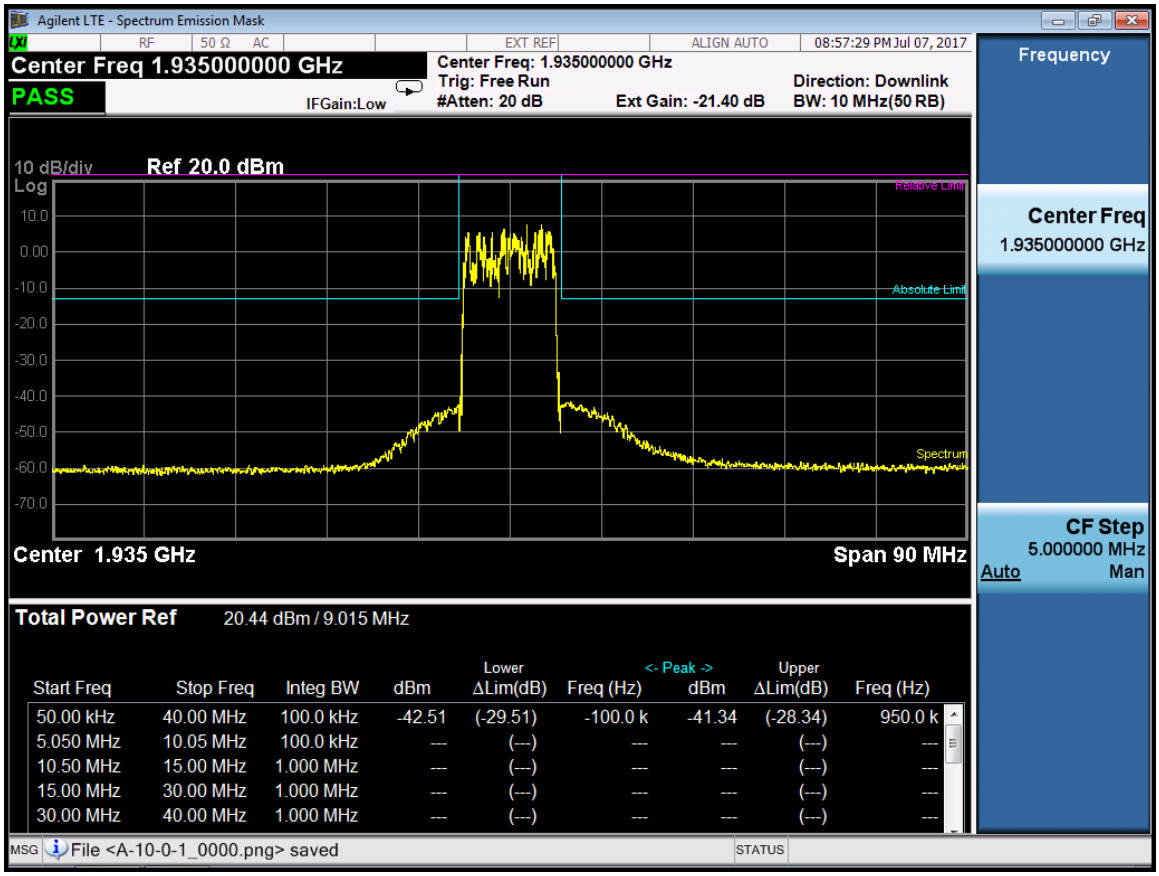
RF 10M(ETM1.2) -Port 0-1960MHz



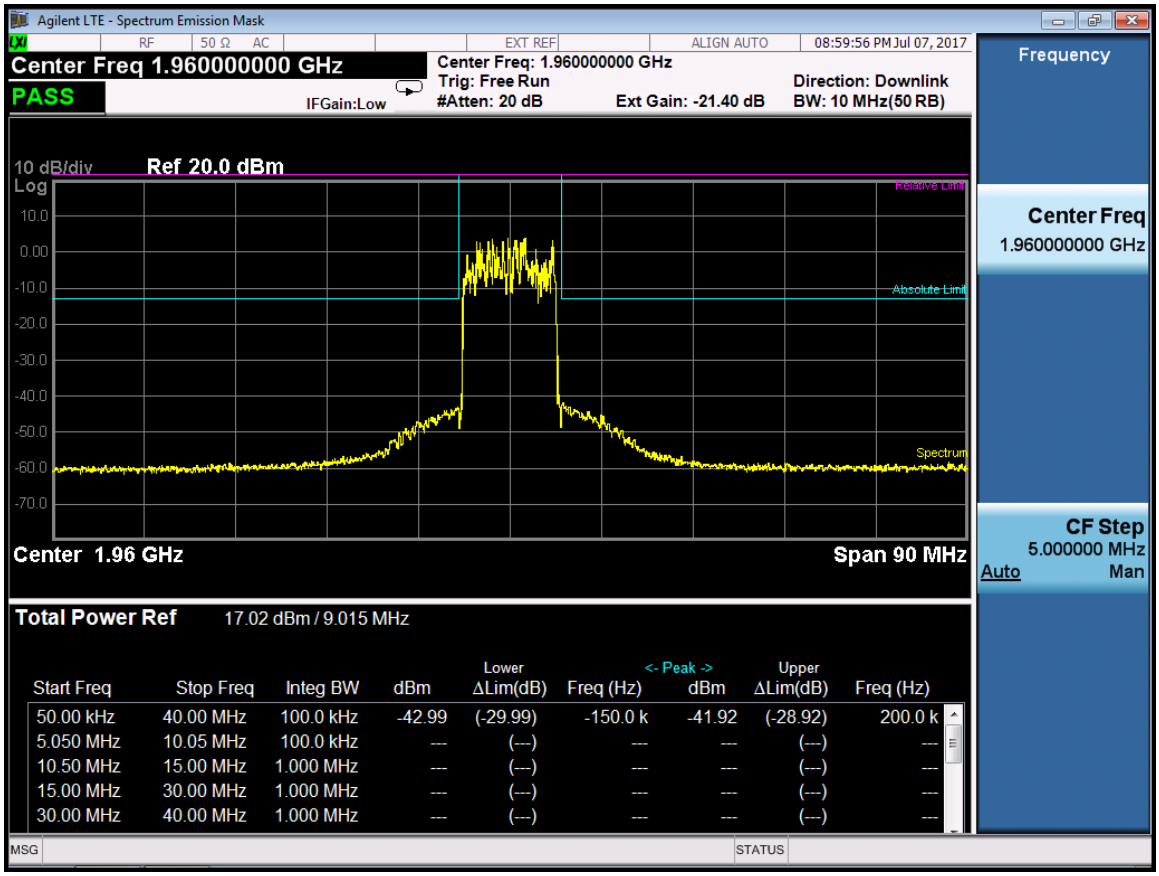
RF 10M(ETM1.2) -Port 0-1985MHz



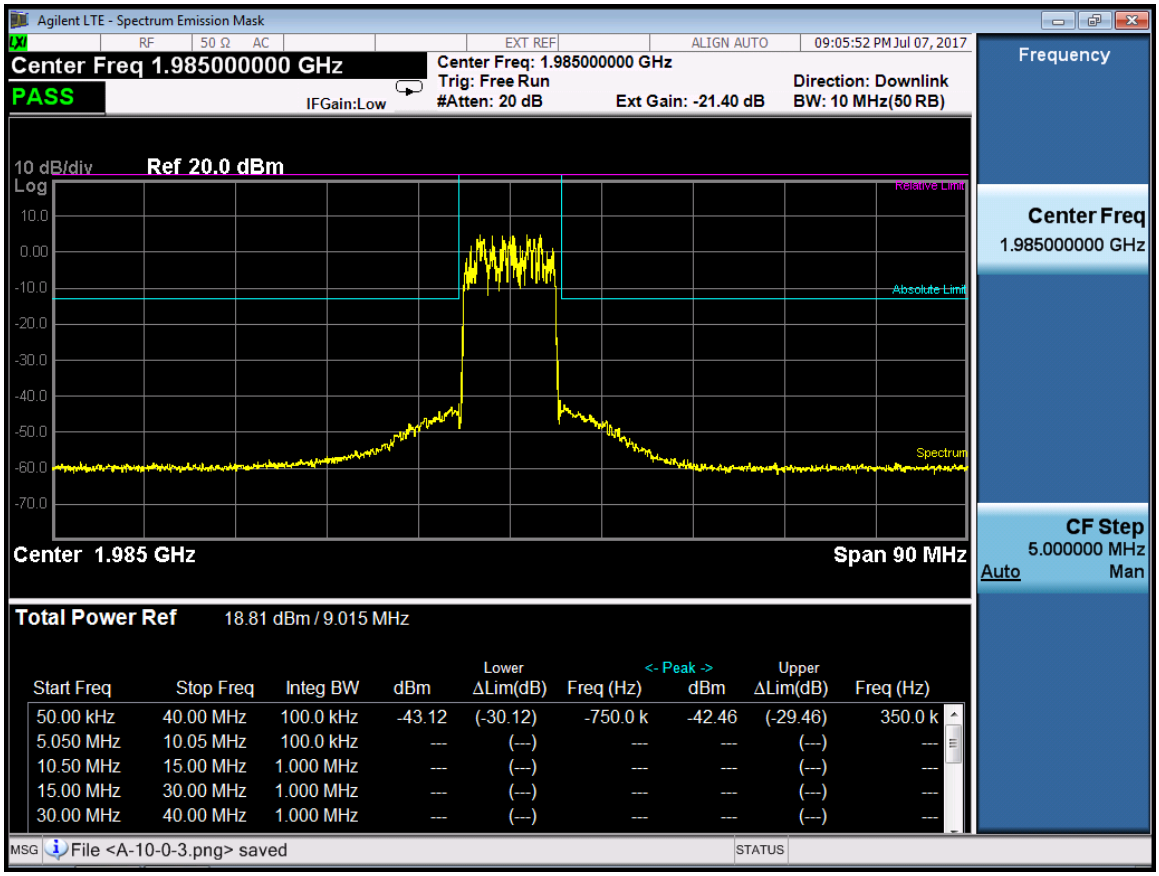
RF 10M(ETM1.2) -Port 1-1935MHz



RF 10M(ETM1.2) -Port 1-1960MHz



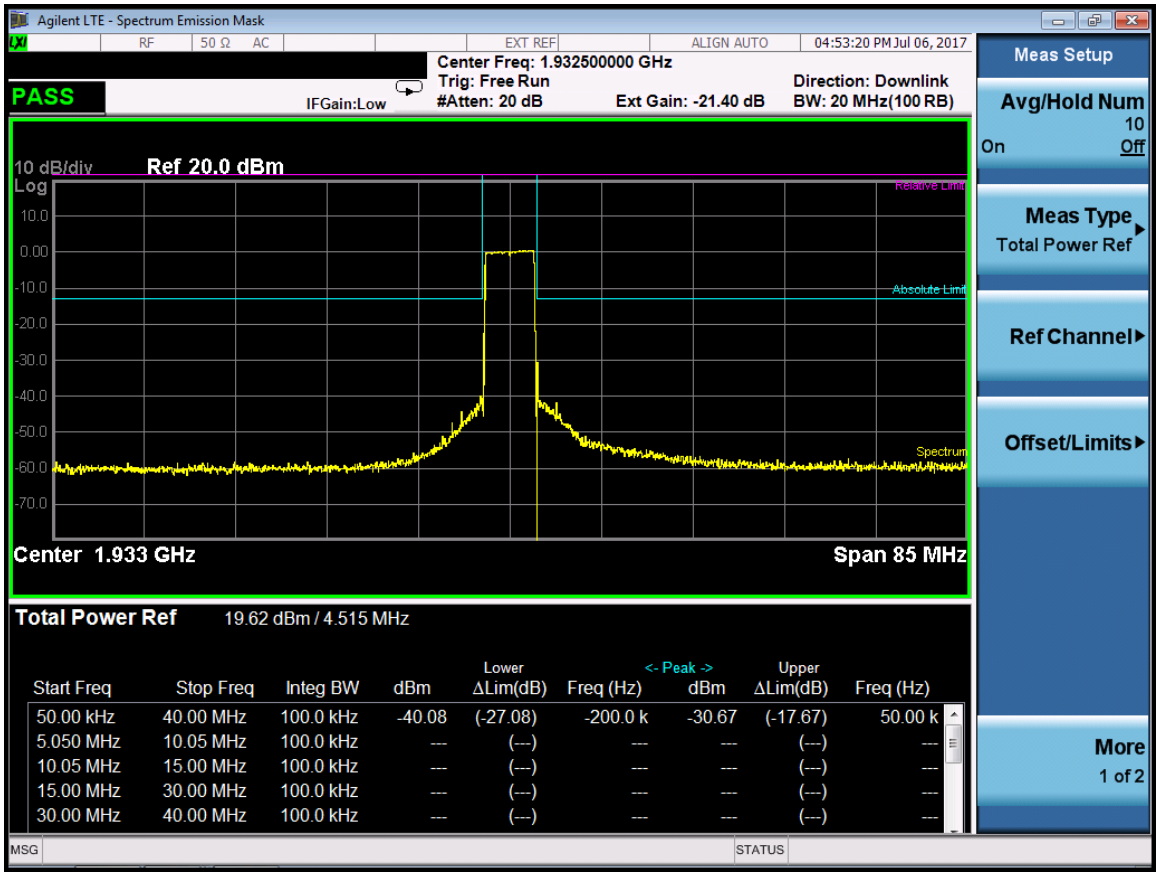
RF 10M(ETM1.2) -Port 1-1985MHz



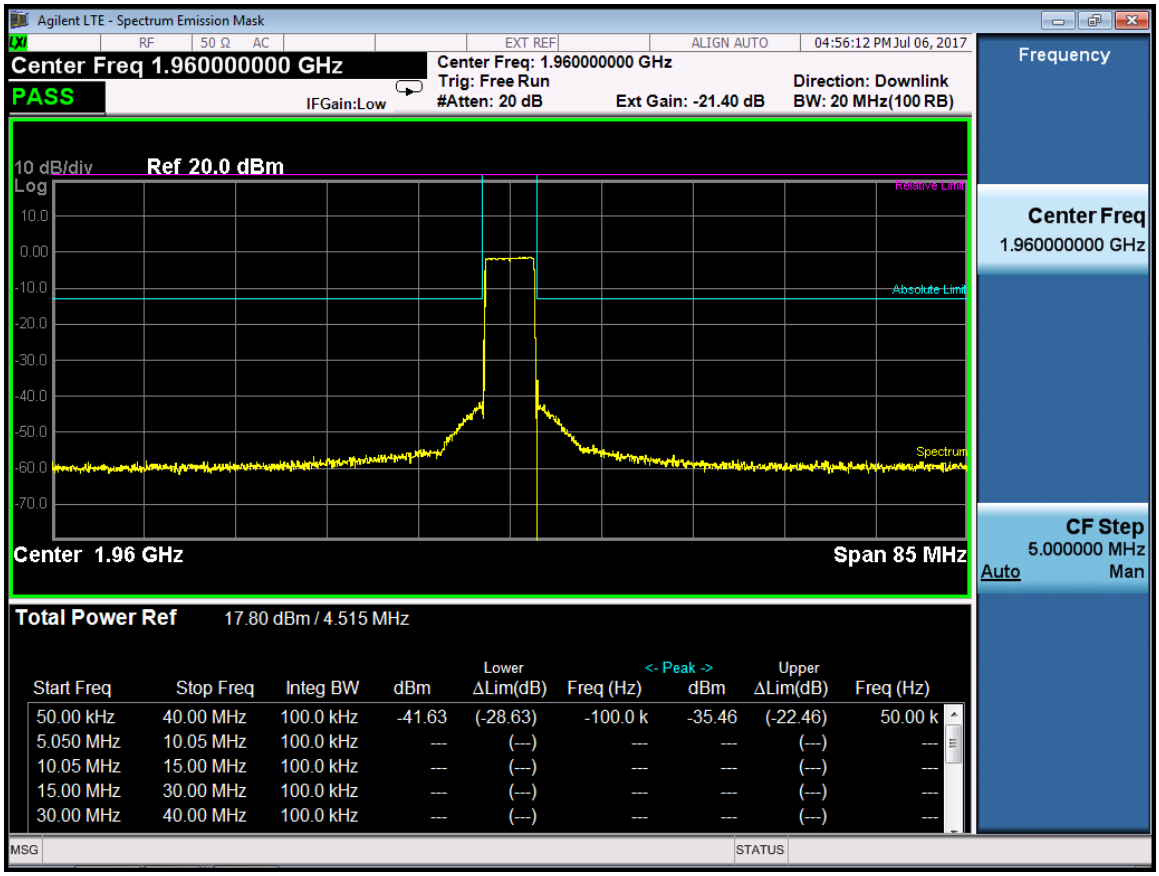
RF Bandwidth :IBW 5M(ETM1.1)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	1932.5	-30.67	-13
	1960	-35.46	-13
	1987.5	-36.97	-13
1	1932.5	-33.51	-13
	1960	-36.33	-13
	1987.5	-30.75	-13

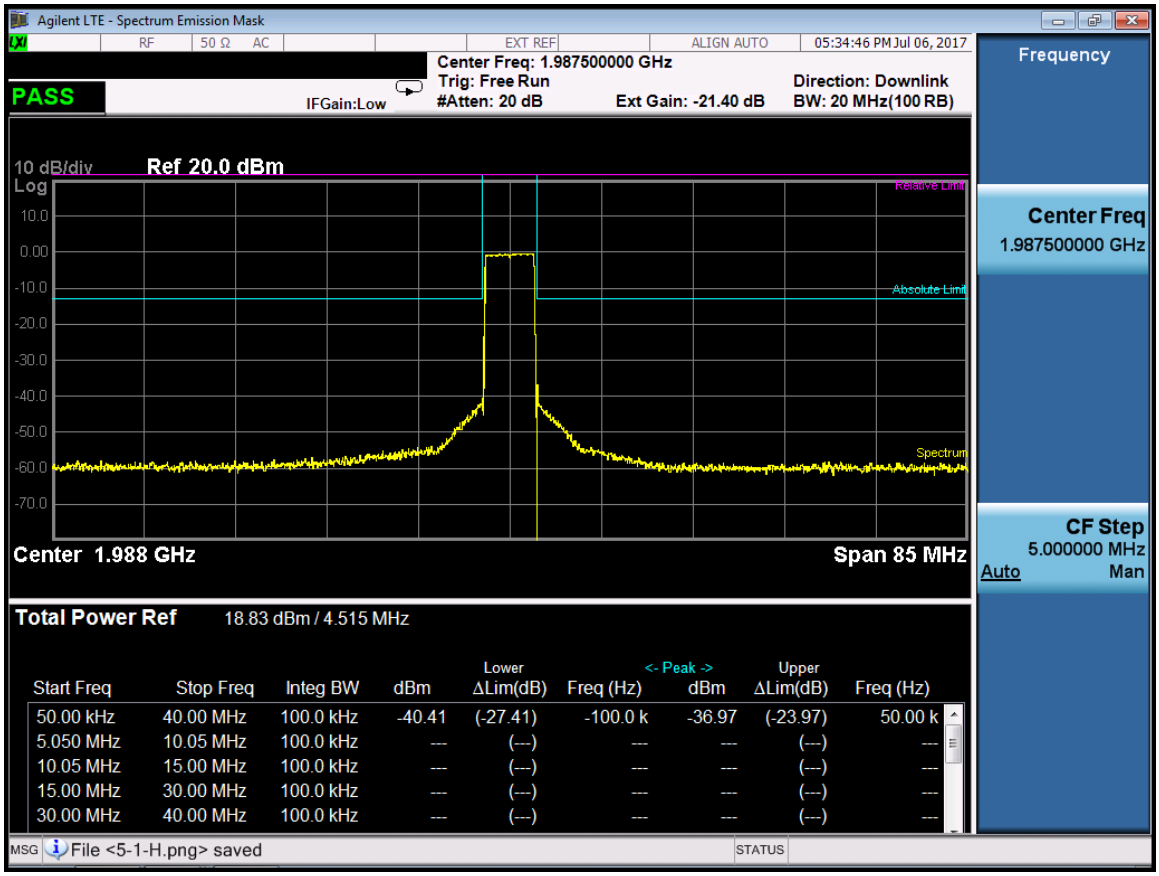
RF 5M(ETM1.1) -Port 0-1932.5MHz



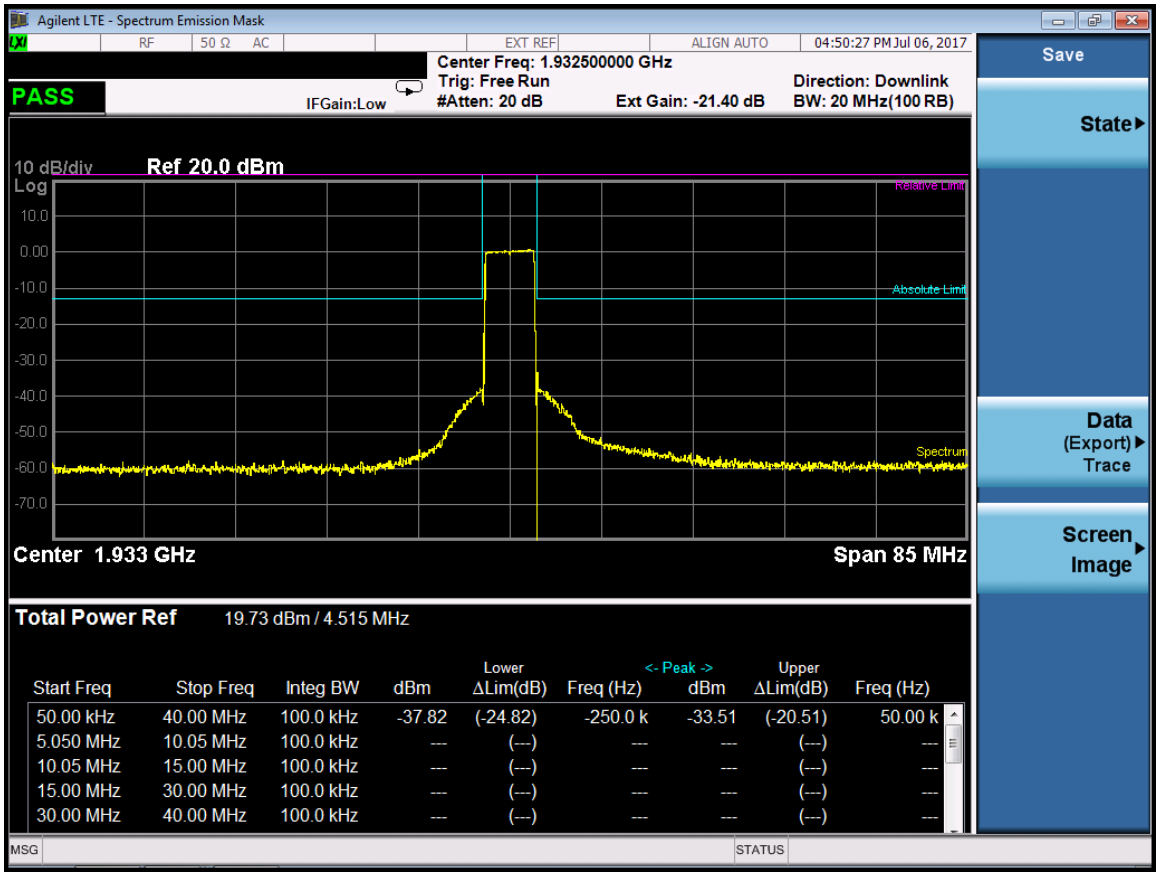
RF 5M(ETM1.1) -Port 0-1960MHz



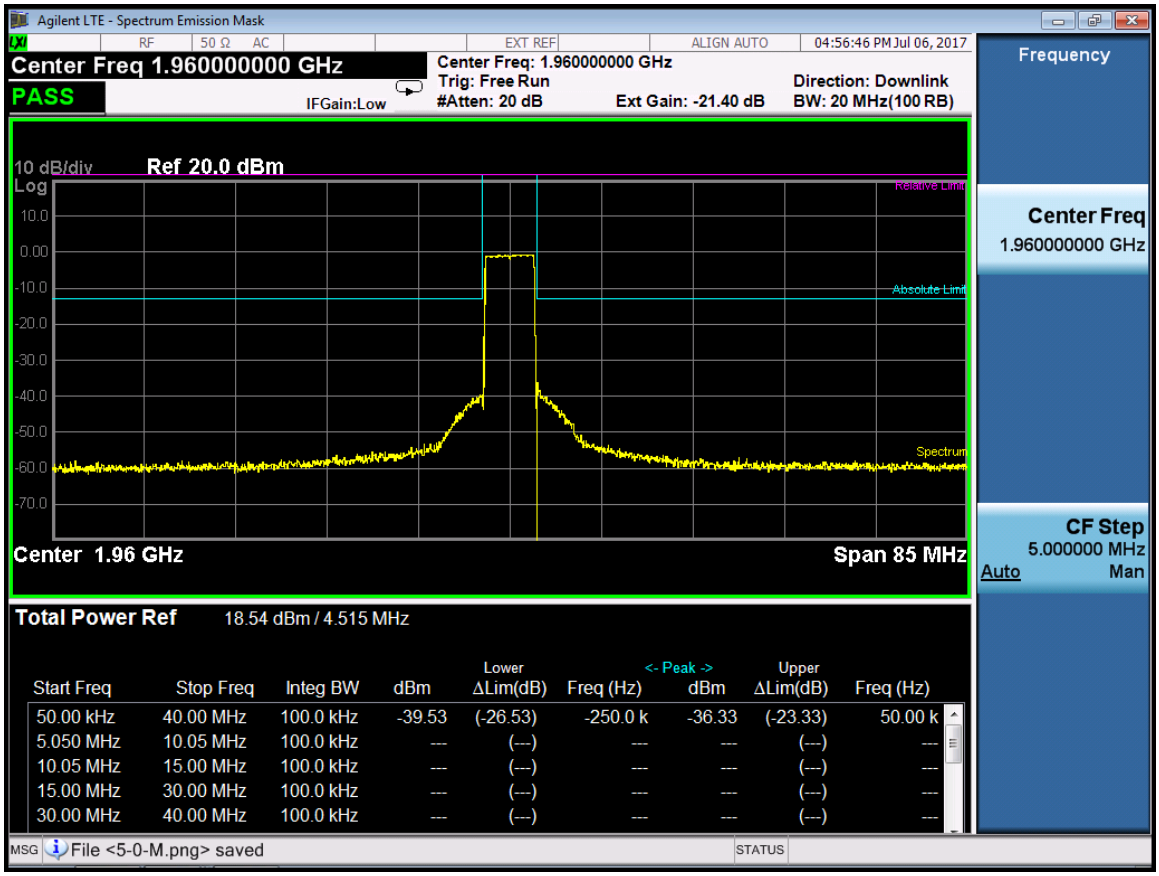
RF 5M(ETM1.1) -Port 0-1987.5MHz



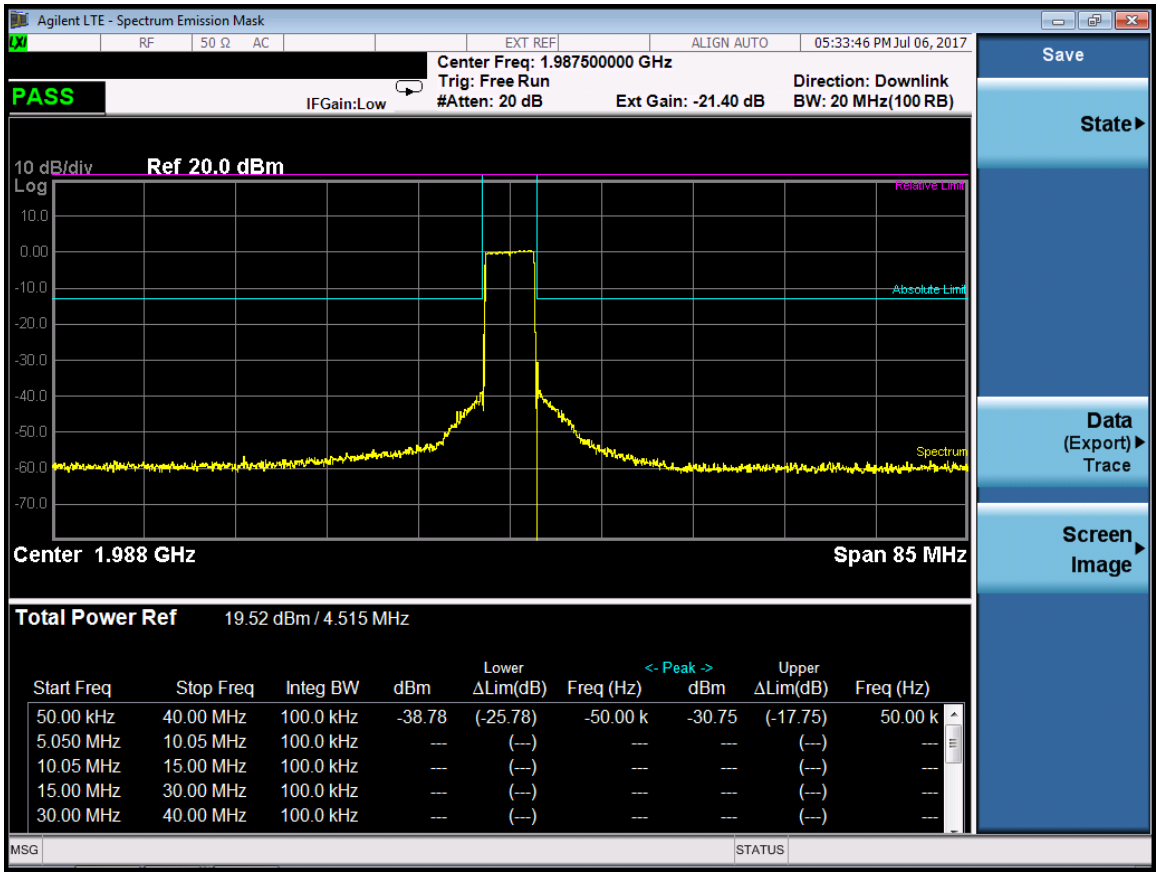
RF 5M(ETM1.1) -Port 1-1932.5MHz



RF 5M(ETM1.1) -Port 1-1960MHz



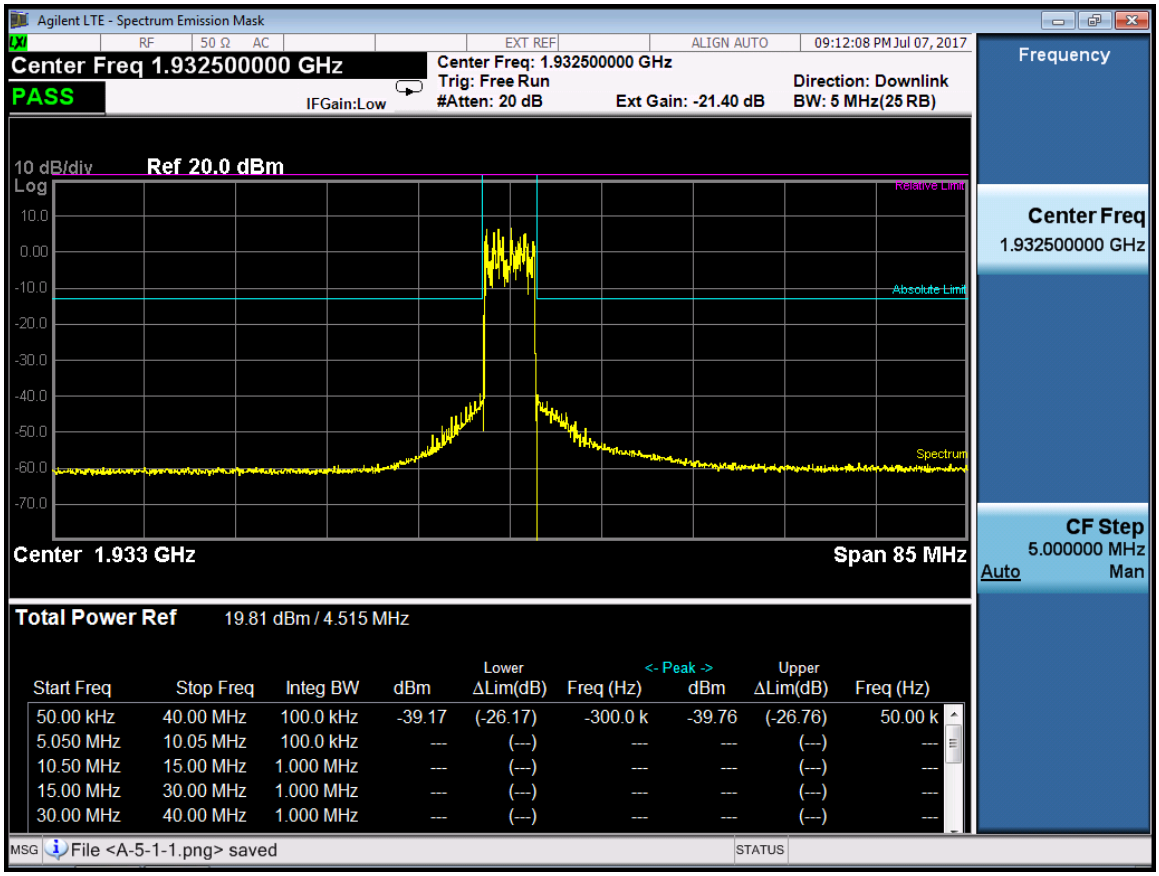
RF 5M(ETM1.1) -Port 1-1987.5MHz



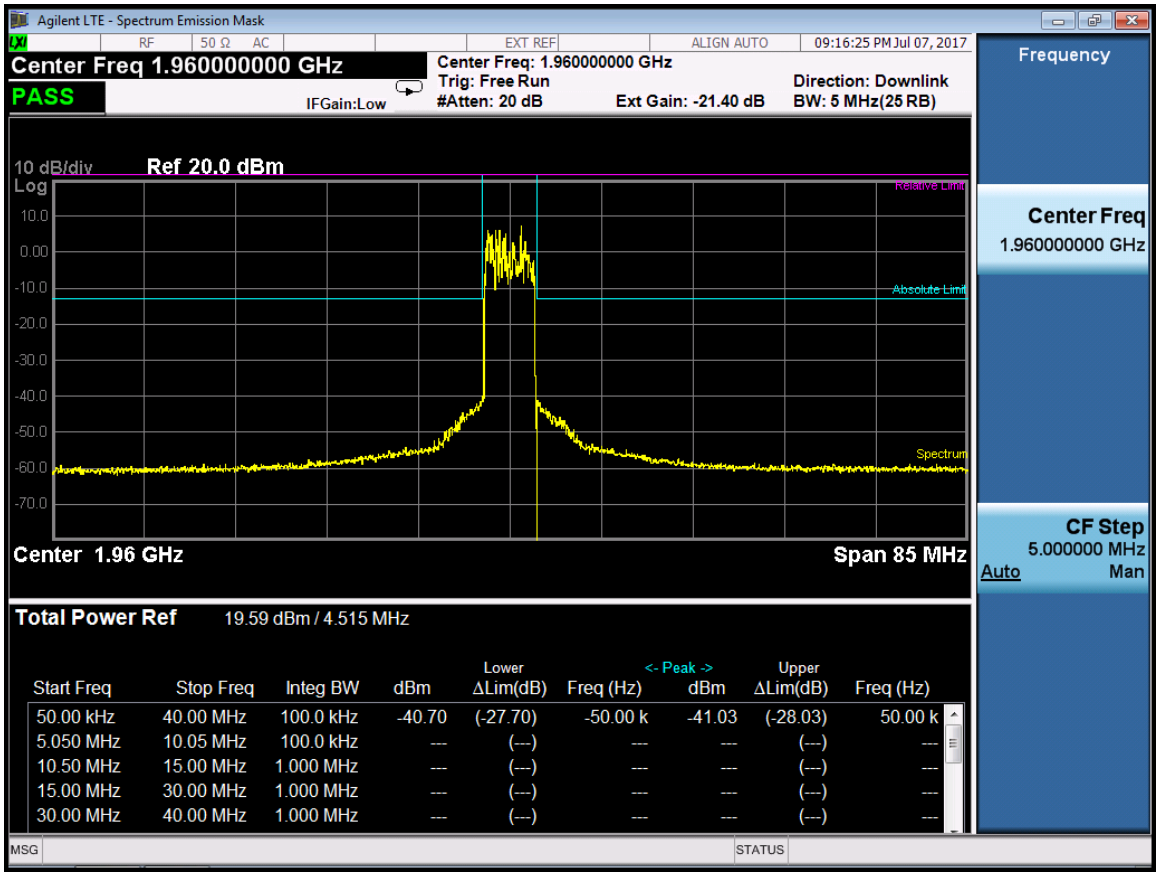
RF Bandwidth :IBW 5M(ETM1.2)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	1932.5	-39.17	-13
	1960	-40.70	-13
	1987.5	-37.03	-13
1	1932.5	-38.48	-13
	1960	-38.82	-13
	1987.5	-37.71	-13

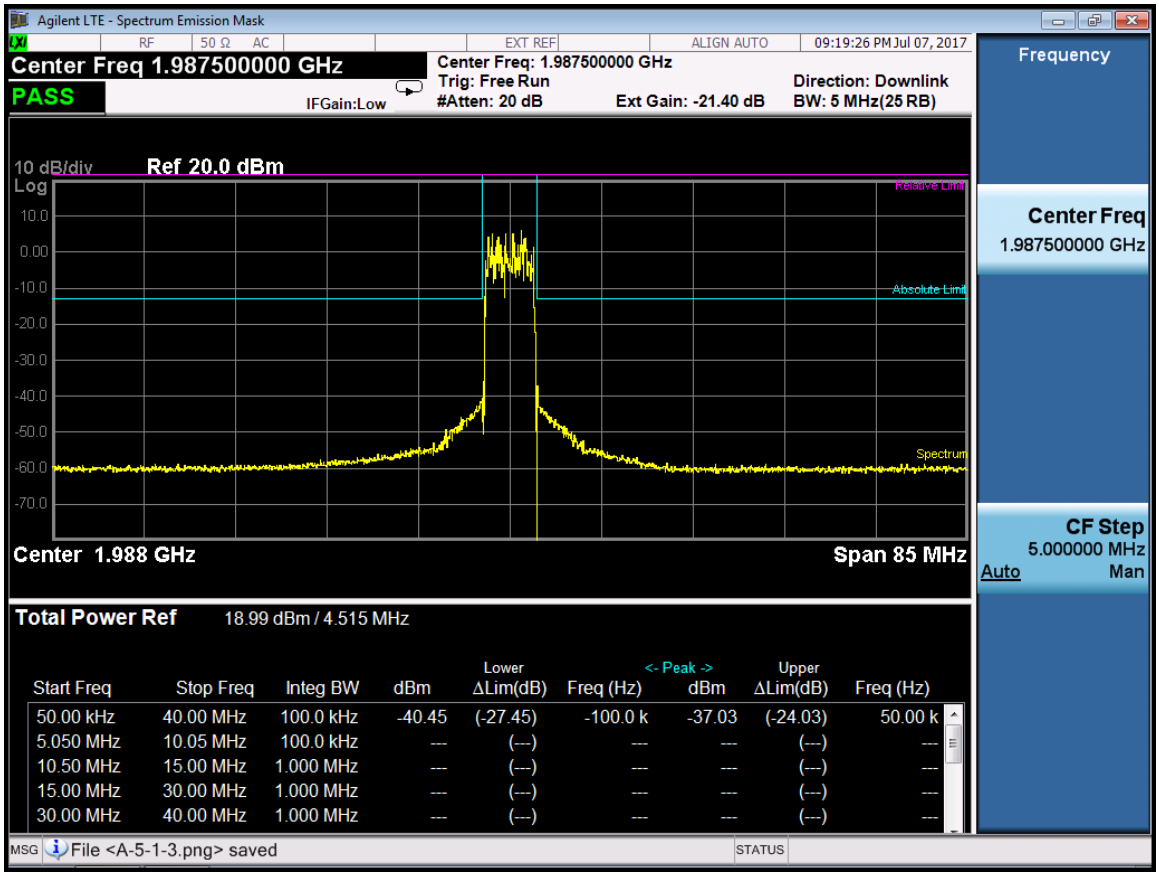
RF 5M(ETM1.2) -Port 0-1932.5MHz



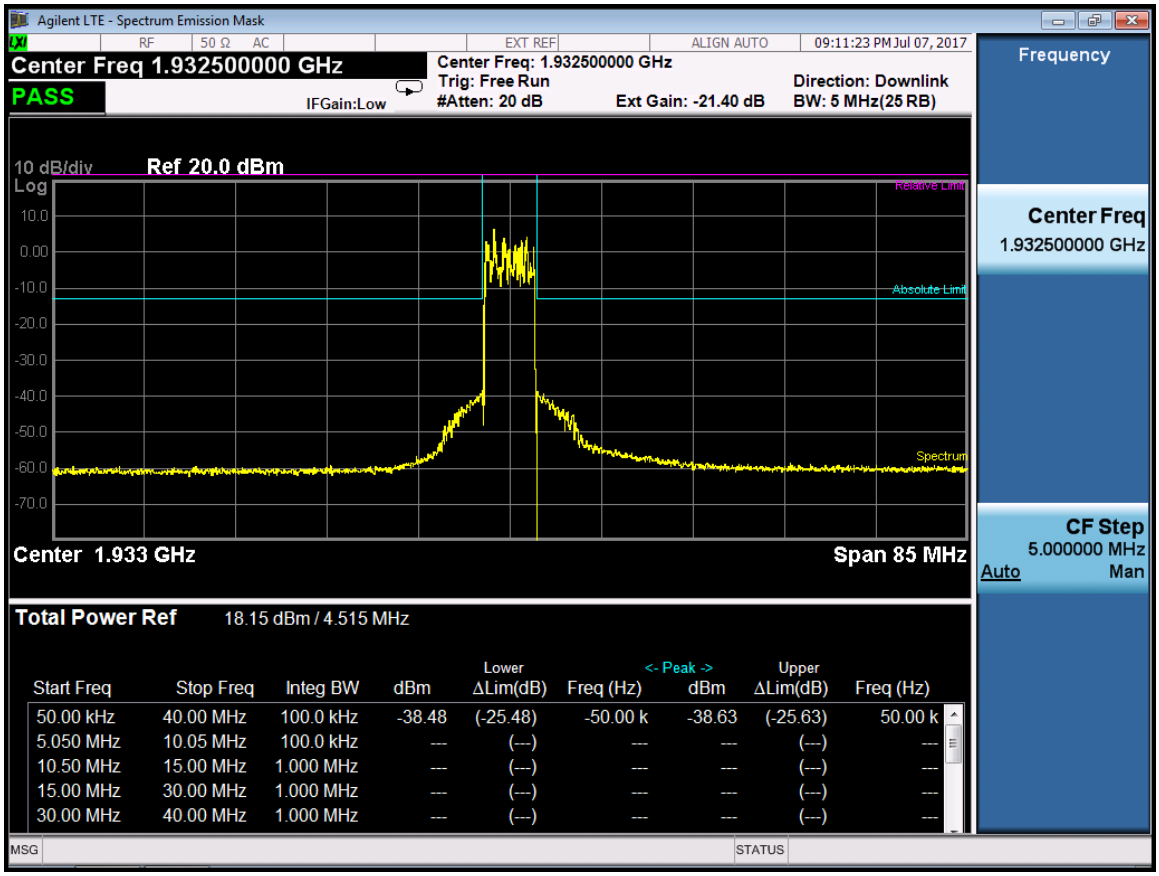
RF 5M(ETM1.2) -Port 0-1960MHz



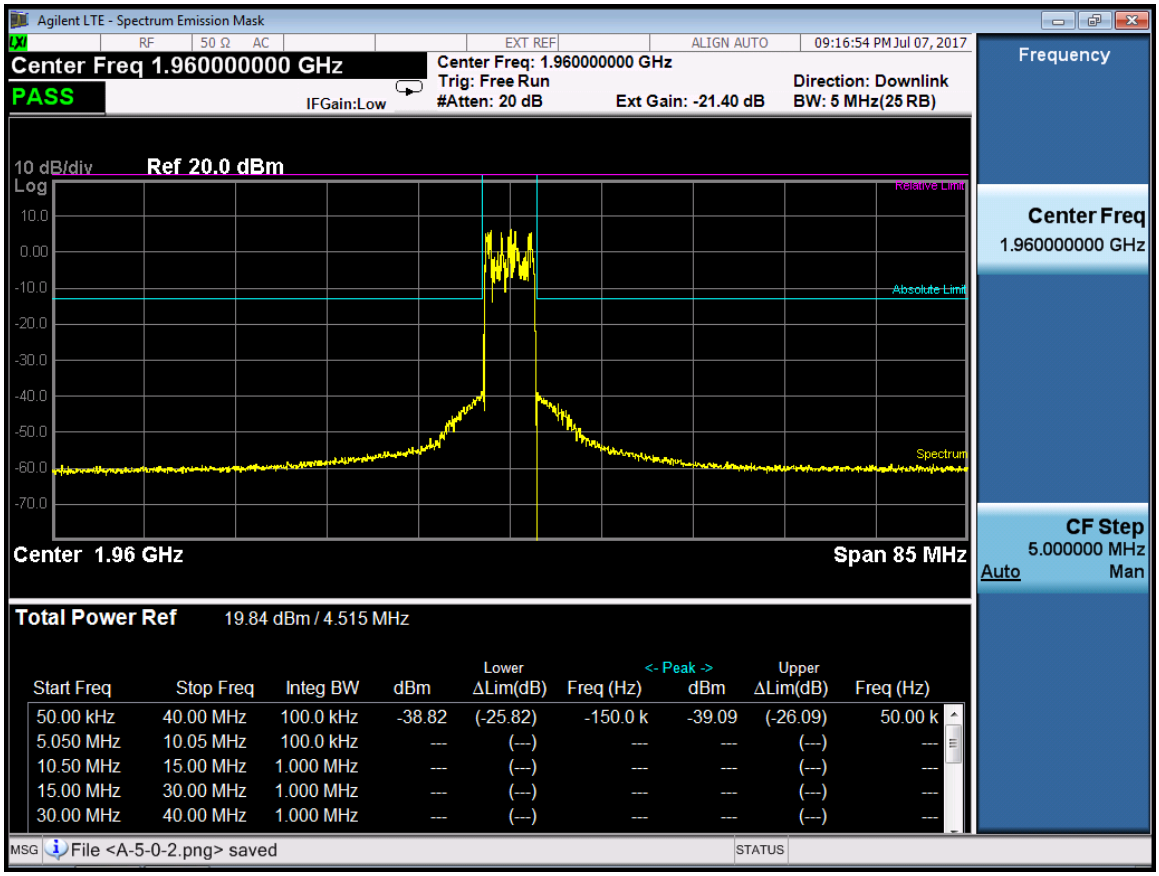
RF 5M(ETM1.2) -Port 0-1987.5MHz



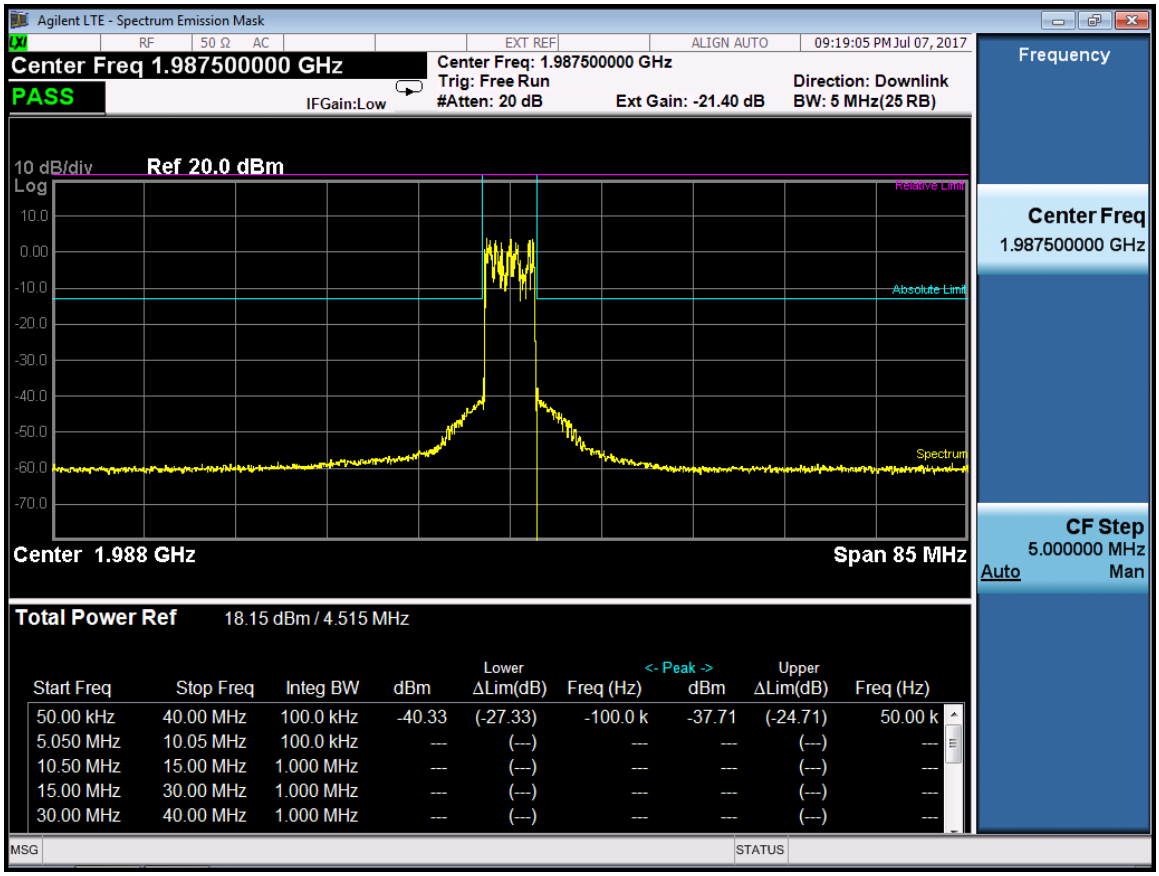
RF 5M(ETM1.2) -Port 1-1932.5MHz



RF 5M(ETM1.2) -Port 1-1960MHz



RF 5M(ETM1.2) -Port 1-1987.5MHz



12 FREQUENCY STABILITY

Applicable Standard: FCC § 2.1055, §24.235

Requirements: FCC § 2.1055 (a)(d), The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date

GZ-ESPEC	Temperature Chamber	EW0470	06113028	2016.09.12	2017.09.12
Agilent	MXA Series Spectrum Analyzer	N9030A	MY49431143	2016.09.12	2017.09.12
DTS	DTS 20dB Attenuator	DTS50-20-3-1	09112005	2015.04.17	2016.04.17

*__statement of traceability:__ ZTE Corporation Reliability Testing Center attest that all calibration have been performed per the NVLAP requirements, traceable to NIST.

Test Procedure

Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and the RF output was connected to a Spectrum Analyzer via feed-through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable exited the chamber through an opening made for the purpose.
After the temperature stabilized for approximately 150 minutes, the frequency output was recorded from the counter.
Frequency Stability vs. Voltage: An external variable DC power supply Source. The voltage was set to 115% of the nominal value and was then decreased until the transmitter light no longer illuminated; i.e., the end point. The output frequency was recorded for each voltage.

Environmental Conditions

Normal condition:	25° C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

Test Result: Pass

Test Mode: Transmitting LTE

Test Data

Frequency Stability Versus Temperature

LTE 20MHz

Frequency Stability vs Temperature（RF Bandwidth:20M(LTE)　RF Frequency :1940MHz								
Temperature (℃)	**Power Supplied (V_{DC})**	**Port**	**LTE Frequency**	**Frequency Measure Error (Hz)**	**E-TM**	**Limit (ppm)**	**Limit (Hz)**	**Result**
-30	-48	0	1940	0.99	TM2.0	0.1	199	PASS
				1.124	TM3.1	0.1	199	PASS
				0.037	TM3.2	0.1	199	PASS
				-0.651	TM3.3	0.1	199	PASS
		1	1940	-0.926	TM2.0	0.1	199	PASS
				-1.841	TM3.1	0.1	199	PASS
				1.747	TM3.2	0.1	199	PASS
				1.355	TM3.3	0.1	199	PASS
-20		0	1940	1.468	TM2.0	0.1	199	PASS
				-1.738	TM3.1	0.1	199	PASS
				0.616	TM3.2	0.1	199	PASS
				1.505	TM3.3	0.1	199	PASS
		1	1940	-1.772	TM2.0	0.1	199	PASS
				0.104	TM3.1	0.1	199	PASS
				0.102	TM3.2	0.1	199	PASS
				-1.287	TM3.3	0.1	199	PASS
-10		0	1940	-0.198	TM2.0	0.1	199	PASS
				-1.000	TM3.1	0.1	199	PASS
				2.443	TM3.2	0.1	199	PASS

				0.831	TM3.3	0.1	199	PASS
		1	1940	-2.730	TM2.0	0.1	199	PASS
				-2.682	TM3.1	0.1	199	PASS
				-0.007	TM3.2	0.1	199	PASS
				-1.186	TM3.3	0.1	199	PASS
0		0	1940	0.650	TM2.0	0.1	199	PASS
				1.431	TM3.1	0.1	199	PASS
				1.354	TM3.2	0.1	199	PASS
				-0.933	TM3.3	0.1	199	PASS
		1	1940	0.896	TM2.0	0.1	199	PASS
				-0.328	TM3.1	0.1	199	PASS
				1.407	TM3.2	0.1	199	PASS
				-0.684	TM3.3	0.1	199	PASS
10		0	1940	4.021	TM2.0	0.1	199	PASS
				0.496	TM3.1	0.1	199	PASS
				3.428	TM3.2	0.1	199	PASS
				1.032	TM3.3	0.1	199	PASS
		1	1940	2.857	TM2.0	0.1	199	PASS
				-0.968	TM3.1	0.1	199	PASS
				-1.349	TM3.2	0.1	199	PASS
				-3.252	TM3.3	0.1	199	PASS
20		0	1940	0.712	TM2.0	0.1	199	PASS
				0.901	TM3.1	0.1	199	PASS
				1.309	TM3.2	0.1	199	PASS
				-1.799	TM3.3	0.1	199	PASS
		1	1940	0.220	TM2.0	0.1	199	PASS
				3.859	TM3.1	0.1	199	PASS
				4.417	TM3.2	0.1	199	PASS
				-0.696	TM3.3	0.1	199	PASS
30		0	1940	1.476	TM2.0	0.1	199	PASS
				-0.501	TM3.1	0.1	199	PASS
				-0.293	TM3.2	0.1	199	PASS
				-1.135	TM3.3	0.1	199	PASS
		1	1940	2.705	TM2.0	0.1	199	PASS
				2.727	TM3.1	0.1	199	PASS
				4.537	TM3.2	0.1	199	PASS
				3.161	TM3.3	0.1	199	PASS
40		0	1940	2.939	TM2.0	0.1	199	PASS
				1.922	TM3.1	0.1	199	PASS

				3.841	TM3.2	0.1	199	PASS
				3.809	TM3.3	0.1	199	PASS
		1	1940	-0.198	TM2.0	0.1	199	PASS
				-1.000	TM3.1	0.1	199	PASS
				2.443	TM3.2	0.1	199	PASS
				0.831	TM3.3	0.1	199	PASS
50		0	1940	-2.730	TM2.0	0.1	199	PASS
				-2.682	TM3.1	0.1	199	PASS
				-0.007	TM3.2	0.1	199	PASS
				-1.186	TM3.3	0.1	199	PASS
		1	1940	0.650	TM2.0	0.1	199	PASS
				1.431	TM3.1	0.1	199	PASS
				1.354	TM3.2	0.1	199	PASS
				-0.933	TM3.3	0.1	199	PASS

Frequency Stability vs Temperature（RF Bandwidth:20M(LTE)　RF Frequency :1960MHz

Temperature (℃)	Power Supplied (V_{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result
-30	-48	0	1960	0.343	TM2.0	0.1	199	PASS
				-0.56	TM3.1	0.1	199	PASS
				-1.189	TM3.2	0.1	199	PASS
				0.35	TM3.3	0.1	199	PASS
		1	1960	-1.262	TM2.0	0.1	199	PASS
				1.153	TM3.1	0.1	199	PASS
				0.305	TM3.2	0.1	199	PASS
				-0.353	TM3.3	0.1	199	PASS
-20		0	1960	0.456	TM2.0	0.1	199	PASS
				-0.528	TM3.1	0.1	199	PASS
				1.697	TM3.2	0.1	199	PASS
				-1.824	TM3.3	0.1	199	PASS
		1	1960	1.795	TM2.0	0.1	199	PASS
				-0.209	TM3.1	0.1	199	PASS
				-1.621	TM3.2	0.1	199	PASS
				1.25	TM3.3	0.1	199	PASS
-10		0	1960	-0.482	TM2.0	0.1	199	PASS

				1.002	TM3.1	0.1	199	PASS
				0.510	TM3.2	0.1	199	PASS
				1.830	TM3.3	0.1	199	PASS
		1	1960	1.914	TM2.0	0.1	199	PASS
				1.282	TM3.1	0.1	199	PASS
				0.418	TM3.2	0.1	199	PASS
				3.724	TM3.3	0.1	199	PASS
0		0	1960	0.056	TM2.0	0.1	199	PASS
				2.218	TM3.1	0.1	199	PASS
				1.917	TM3.2	0.1	199	PASS
				-1.251	TM3.3	0.1	199	PASS
		1	1960	0.766	TM2.0	0.1	199	PASS
				2.822	TM3.1	0.1	199	PASS
				-1.498	TM3.2	0.1	199	PASS
				-2.715	TM3.3	0.1	199	PASS
10		0	1960	-1.523	TM2.0	0.1	199	PASS
				1.863	TM3.1	0.1	199	PASS
				-1.481	TM3.2	0.1	199	PASS
				2.349	TM3.3	0.1	199	PASS
		1	1960	-0.678	TM2.0	0.1	199	PASS
				1.624	TM3.1	0.1	199	PASS
				-0.517	TM3.2	0.1	199	PASS
				0.747	TM3.3	0.1	199	PASS
20		0	1960	7.676	TM2.0	0.1	199	PASS
				-6.469	TM3.1	0.1	199	PASS
				2.511	TM3.2	0.1	199	PASS
				-4.129	TM3.3	0.1	199	PASS
		1	1960	9.670	TM2.0	0.1	199	PASS
				0.601	TM3.1	0.1	199	PASS
				4.160	TM3.2	0.1	199	PASS
				1.306	TM3.3	0.1	199	PASS
30		0	1960	0.904	TM2.0	0.1	199	PASS
				1.575	TM3.1	0.1	199	PASS
				-3.362	TM3.2	0.1	199	PASS
				-4.423	TM3.3	0.1	199	PASS
		1	1960	-1.404	TM2.0	0.1	199	PASS
				-2.244	TM3.1	0.1	199	PASS
				-2.068	TM3.2	0.1	199	PASS
				-1.902	TM3.3	0.1	199	PASS

40		0	1960	-6.365	TM2.0	0.1	199	PASS
				-2.641	TM3.1	0.1	199	PASS
				4.615	TM3.2	0.1	199	PASS
				1.933	TM3.3	0.1	199	PASS
		1	1960	6.335	TM2.0	0.1	199	PASS
				2.097	TM3.1	0.1	199	PASS
				2.844	TM3.2	0.1	199	PASS
				5.391	TM3.3	0.1	199	PASS
50		0	1960	1.546	TM2.0	0.1	199	PASS
				3.192	TM3.1	0.1	199	PASS
				0.727	TM3.2	0.1	199	PASS
				-2.962	TM3.3	0.1	199	PASS
		1	1960	2.096	TM2.0	0.1	199	PASS
				-5.346	TM3.1	0.1	199	PASS
				1.523	TM3.2	0.1	199	PASS
				3.101	TM3.3	0.1	199	PASS

Frequency Stability vs Temperature（RF Bandwidth:20M(LTE)　RF Frequency :1980MHz

Temperature (℃)	Power Supplied (V_{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result
-30	-48	0	1980	-1.692	TM2.0	0.1	199	PASS
				0.141	TM3.1	0.1	199	PASS
				0.99	TM3.2	0.1	199	PASS
				-1.891	TM3.3	0.1	199	PASS
		1	1980	1.543	TM2.0	0.1	199	PASS
				1.718	TM3.1	0.1	199	PASS
				-0.123	TM3.2	0.1	199	PASS
				-1.541	TM3.3	0.1	199	PASS
-20		0	1980	1.674	TM2.0	0.1	199	PASS
				-0.086	TM3.1	0.1	199	PASS
				1.104	TM3.2	0.1	199	PASS
				1.444	TM3.3	0.1	199	PASS
		1	1980	1.182	TM2.0	0.1	199	PASS
				-0.585	TM3.1	0.1	199	PASS
				-1.759	TM3.2	0.1	199	PASS
				-0.143	TM3.3	0.1	199	PASS

-10		0	1980	1.597	TM2.0	0.1	199	PASS
				-1.219	TM3.1	0.1	199	PASS
				1.288	TM3.2	0.1	199	PASS
				-1.511	TM3.3	0.1	199	PASS
		1	1980	0.680	TM2.0	0.1	199	PASS
				-2.224	TM3.1	0.1	199	PASS
				2.594	TM3.2	0.1	199	PASS
				1.440	TM3.3	0.1	199	PASS
0		0	1980	1.832	TM2.0	0.1	199	PASS
				-0.203	TM3.1	0.1	199	PASS
				-0.514	TM3.2	0.1	199	PASS
				1.208	TM3.3	0.1	199	PASS
		1	1980	3.871	TM2.0	0.1	199	PASS
				2.712	TM3.1	0.1	199	PASS
				-1.566	TM3.2	0.1	199	PASS
				1.395	TM3.3	0.1	199	PASS
10		0	1980	2.312	TM2.0	0.1	199	PASS
				1.736	TM3.1	0.1	199	PASS
				5.017	TM3.2	0.1	199	PASS
				-0.461	TM3.3	0.1	199	PASS
		1	1980	1.410	TM2.0	0.1	199	PASS
				1.576	TM3.1	0.1	199	PASS
				3.678	TM3.2	0.1	199	PASS
				-2.156	TM3.3	0.1	199	PASS
20		0	1980	5.547	TM2.0	0.1	199	PASS
				-3.178	TM3.1	0.1	199	PASS
				-6.083	TM3.2	0.1	199	PASS
				-1.541	TM3.3	0.1	199	PASS
		1	1980	1.8	TM2.0	0.1	199	PASS
				-3.02	TM3.1	0.1	199	PASS
				-3.649	TM3.2	0.1	199	PASS
				-3.340	TM3.3	0.1	199	PASS
30		0	1980	2.400	TM2.0	0.1	199	PASS
				3.533	TM3.1	0.1	199	PASS
				1.204	TM3.2	0.1	199	PASS
				-1.182	TM3.3	0.1	199	PASS
		1	1980	-2.286	TM2.0	0.1	199	PASS
				2.122	TM3.1	0.1	199	PASS
				2.366	TM3.2	0.1	199	PASS

				1.019	TM3.3	0.1	199	PASS
40		0	1980	-2.484	TM2.0	0.1	199	PASS
				-2.559	TM3.1	0.1	199	PASS
				0.736	TM3.2	0.1	199	PASS
				1.538	TM3.3	0.1	199	PASS
		1	1980	3.766	TM2.0	0.1	199	PASS
				1.166	TM3.1	0.1	199	PASS
				0.139	TM3.2	0.1	199	PASS
				-1.485	TM3.3	0.1	199	PASS
50		0	1980	1.836	TM2.0	0.1	199	PASS
				-1.264	TM3.1	0.1	199	PASS
				3.241	TM3.2	0.1	199	PASS
				0.946	TM3.3	0.1	199	PASS
		1	1980	3.661	TM2.0	0.1	199	PASS
				1.701	TM3.1	0.1	199	PASS
				4.255	TM3.2	0.1	199	PASS
				2.656	TM3.3	0.1	199	PASS

LTE 15MHz

Frequency Stability vs Temperature（RF Bandwidth:15M(LTE)　RF Frequency :1937.5MHz								
Temperature (℃)	**Power Supplied (V_{DC})**	**Port**	**LTE Frequency**	**Frequency Measure Error (Hz)**	**E-TM**	**Limit (ppm)**	**Limit (Hz)**	**Result**
-30		0	1937.5	-0.453	TM2.0	0.1	199	PASS
				-1.941	TM3.1	0.1	199	PASS
				1.352	TM3.2	0.1	199	PASS
				-0.181	TM3.3	0.1	199	PASS
		1	1937.5	1.768	TM2.0	0.1	199	PASS
				-1.178	TM3.1	0.1	199	PASS
				0.748	TM3.2	0.1	199	PASS
				0.049	TM3.3	0.1	199	PASS
-20		0	1937.5	-1.102	TM2.0	0.1	199	PASS
				-0.145	TM3.1	0.1	199	PASS

	-48			-0.472	TM3.2	0.1	199	PASS
				1.613	TM3.3	0.1	199	PASS
		1	1937.5	1.95	TM2.0	0.1	199	PASS
				1.591	TM3.1	0.1	199	PASS
				-0.434	TM3.2	0.1	199	PASS
				-0.111	TM3.3	0.1	199	PASS
-10		0	1937.5	1.551	TM2.0	0.1	199	PASS
				0.505	TM3.1	0.1	199	PASS
				-0.685	TM3.2	0.1	199	PASS
				-0.111	TM3.3	0.1	199	PASS
		1	1937.5	-0.683	TM2.0	0.1	199	PASS
				-0.472	TM3.1	0.1	199	PASS
				1.435	TM3.2	0.1	199	PASS
				1.165	TM3.3	0.1	199	PASS
0		0	1937.5	-0.809	TM2.0	0.1	199	PASS
				0.908	TM3.1	0.1	199	PASS
				-1.718	TM3.2	0.1	199	PASS
				-0.906	TM3.3	0.1	199	PASS
		1	1937.5	0.466	TM2.0	0.1	199	PASS
				0.411	TM3.1	0.1	199	PASS
				-0.84	TM3.2	0.1	199	PASS
				1.794	TM3.3	0.1	199	PASS
10		0	1937.5	-1.235	TM2.0	0.1	199	PASS
				1.047	TM3.1	0.1	199	PASS
				-0.028	TM3.2	0.1	199	PASS
				-0.894	TM3.3	0.1	199	PASS
		1	1937.5	-1.264	TM2.0	0.1	199	PASS
				1.483	TM3.1	0.1	199	PASS
				1.965	TM3.2	0.1	199	PASS
				1.907	TM3.3	0.1	199	PASS
20		0	1937.5	-1.892	TM2.0	0.1	199	PASS
				-1.555	TM3.1	0.1	199	PASS
				-0.656	TM3.2	0.1	199	PASS
				1.342	TM3.3	0.1	199	PASS
		1	1937.5	1.608	TM2.0	0.1	199	PASS
				0.147	TM3.1	0.1	199	PASS
				0.617	TM3.2	0.1	199	PASS
				-0.614	TM3.3	0.1	199	PASS
30		0	1937.5	0.902	TM2.0	0.1	199	PASS

				1.28	TM3.1	0.1	199	PASS
				0.583	TM3.2	0.1	199	PASS
				1.109	TM3.3	0.1	199	PASS
		1	1937.5	0.679	TM2.0	0.1	199	PASS
				0.49	TM3.1	0.1	199	PASS
				-1.721	TM3.2	0.1	199	PASS
				0.778	TM3.3	0.1	199	PASS
40		0	1937.5	-1.26	TM2.0	0.1	199	PASS
				-1.46	TM3.1	0.1	199	PASS
				-1.728	TM3.2	0.1	199	PASS
				-0.061	TM3.3	0.1	199	PASS
		1	1937.5	-0.217	TM2.0	0.1	199	PASS
				-0.419	TM3.1	0.1	199	PASS
				0.741	TM3.2	0.1	199	PASS
				-1.011	TM3.3	0.1	199	PASS
50		0	1937.5	1.847	TM2.0	0.1	199	PASS
				0.615	TM3.1	0.1	199	PASS
				1.576	TM3.2	0.1	199	PASS
				-0.939	TM3.3	0.1	199	PASS
		1	1937.5	1.141	TM2.0	0.1	199	PASS
				1.138	TM3.1	0.1	199	PASS
				-1.688	TM3.2	0.1	199	PASS
				-1.065	TM3.3	0.1	199	PASS

Frequency Stability vs Temperature（RF Bandwidth:15M(LTE)　RF Frequency :1960MHz

Temperature (℃)	Power Supplied (V_{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result
-30	-48	0	1960	-1.275	TM2.0	0.1	199	PASS
				0.151	TM3.1	0.1	199	PASS
				-1.763	TM3.2	0.1	199	PASS
				0.847	TM3.3	0.1	199	PASS
		1	1960	0.798	TM2.0	0.1	199	PASS
				1.602	TM3.1	0.1	199	PASS
				-0.171	TM3.2	0.1	199	PASS
				-1.152	TM3.3	0.1	199	PASS

-20		0	1960	-1.483	TM2.0	0.1	199	PASS
				1.582	TM3.1	0.1	199	PASS
				1.104	TM3.2	0.1	199	PASS
				-1.098	TM3.3	0.1	199	PASS
		1	1960	1.345	TM2.0	0.1	199	PASS
				0.586	TM3.1	0.1	199	PASS
				1.718	TM3.2	0.1	199	PASS
				-0.424	TM3.3	0.1	199	PASS
-10		0	1960	0.991	TM2.0	0.1	199	PASS
				1.632	TM3.1	0.1	199	PASS
				0.118	TM3.2	0.1	199	PASS
				1.975	TM3.3	0.1	199	PASS
		1	1960	-1.698	TM2.0	0.1	199	PASS
				-0.108	TM3.1	0.1	199	PASS
				0.874	TM3.2	0.1	199	PASS
				1.623	TM3.3	0.1	199	PASS
0		0	1960	1.551	TM2.0	0.1	199	PASS
				1.281	TM3.1	0.1	199	PASS
				-0.167	TM3.2	0.1	199	PASS
				0.335	TM3.3	0.1	199	PASS
		1	1960	1.27	TM2.0	0.1	199	PASS
				-0.523	TM3.1	0.1	199	PASS
				-1.962	TM3.2	0.1	199	PASS
				0.132	TM3.3	0.1	199	PASS
10		0	1960	-1.981	TM2.0	0.1	199	PASS
				-0.602	TM3.1	0.1	199	PASS
				1.379	TM3.2	0.1	199	PASS
				-1.374	TM3.3	0.1	199	PASS
		1	1960	0.555	TM2.0	0.1	199	PASS
				-0.276	TM3.1	0.1	199	PASS
				0.518	TM3.2	0.1	199	PASS
				-0.566	TM3.3	0.1	199	PASS
20		0	1960	1.46	TM2.0	0.1	199	PASS
				0.438	TM3.1	0.1	199	PASS
				-1.628	TM3.2	0.1	199	PASS
				-1.631	TM3.3	0.1	199	PASS
		1	1960	0.029	TM2.0	0.1	199	PASS
				-0.745	TM3.1	0.1	199	PASS
				1.678	TM3.2	0.1	199	PASS

				0.733	TM3.3	0.1	199	PASS
30		0	1960	1.074	TM2.0	0.1	199	PASS
				-0.784	TM3.1	0.1	199	PASS
				-1.042	TM3.2	0.1	199	PASS
				-1.578	TM3.3	0.1	199	PASS
		1	1960	1.943	TM2.0	0.1	199	PASS
				-1.826	TM3.1	0.1	199	PASS
				-1.753	TM3.2	0.1	199	PASS
				0.222	TM3.3	0.1	199	PASS
40		0	1960	0.051	TM2.0	0.1	199	PASS
				0.931	TM3.1	0.1	199	PASS
				-0.049	TM3.2	0.1	199	PASS
				-0.168	TM3.3	0.1	199	PASS
		1	1960	0.072	TM2.0	0.1	199	PASS
				1.426	TM3.1	0.1	199	PASS
				-1.061	TM3.2	0.1	199	PASS
				1.178	TM3.3	0.1	199	PASS
50		0	1960	1.34	TM2.0	0.1	199	PASS
				-1.065	TM3.1	0.1	199	PASS
				0.054	TM3.2	0.1	199	PASS
				-0.669	TM3.3	0.1	199	PASS
		1	1960	1.527	TM2.0	0.1	199	PASS
				0.706	TM3.1	0.1	199	PASS
				1.533	TM3.2	0.1	199	PASS
				-0.252	TM3.3	0.1	199	PASS

Frequency Stability vs Temperature（RF Bandwidth:15M(LTE)　RF Frequency :1982.5MHz

Temperature (℃)	Power Supplied (V_{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result
-30	-48	0	1982.5	0.396	TM2.0	0.1	199	PASS
				-0.808	TM3.1	0.1	199	PASS
				1.609	TM3.2	0.1	199	PASS
				1.446	TM3.3	0.1	199	PASS
		1	1982.5	-1.799	TM2.0	0.1	199	PASS
				1.658	TM3.1	0.1	199	PASS
				-0.258	TM3.2	0.1	199	PASS

				1.271	TM3.3	0.1	199	PASS
-20		0	1982.5	-1.476	TM2.0	0.1	199	PASS
				-1.751	TM3.1	0.1	199	PASS
				0.157	TM3.2	0.1	199	PASS
				-1.727	TM3.3	0.1	199	PASS
		1	1982.5	-1.806	TM2.0	0.1	199	PASS
				-1.627	TM3.1	0.1	199	PASS
				-1.097	TM3.2	0.1	199	PASS
				1.066	TM3.3	0.1	199	PASS
-10		0	1982.5	-1.304	TM2.0	0.1	199	PASS
				0.802	TM3.1	0.1	199	PASS
				-0.522	TM3.2	0.1	199	PASS
				0.219	TM3.3	0.1	199	PASS
		1	1982.5	-0.516	TM2.0	0.1	199	PASS
				-0.408	TM3.1	0.1	199	PASS
				0.884	TM3.2	0.1	199	PASS
				-0.834	TM3.3	0.1	199	PASS
0		0	1982.5	0.383	TM2.0	0.1	199	PASS
				-1.669	TM3.1	0.1	199	PASS
				1.908	TM3.2	0.1	199	PASS
				0.691	TM3.3	0.1	199	PASS
		1	1982.5	0.477	TM2.0	0.1	199	PASS
				-0.784	TM3.1	0.1	199	PASS
				1.287	TM3.2	0.1	199	PASS
				1.995	TM3.3	0.1	199	PASS
10		0	1982.5	-1.344	TM2.0	0.1	199	PASS
				0.917	TM3.1	0.1	199	PASS
				0.979	TM3.2	0.1	199	PASS
				-1.406	TM3.3	0.1	199	PASS
		1	1982.5	-1.256	TM2.0	0.1	199	PASS
				1.947	TM3.1	0.1	199	PASS
				-0.901	TM3.2	0.1	199	PASS
				-1.142	TM3.3	0.1	199	PASS
20		0	1982.5	-0.645	TM2.0	0.1	199	PASS
				-0.832	TM3.1	0.1	199	PASS
				-1.362	TM3.2	0.1	199	PASS
				0.9	TM3.3	0.1	199	PASS
		1	1982.5	0.428	TM2.0	0.1	199	PASS
				1.697	TM3.1	0.1	199	PASS

				-1.847	TM3.2	0.1	199	PASS
				1.229	TM3.3	0.1	199	PASS
30		0	1982.5	-1.694	TM2.0	0.1	199	PASS
				1.43	TM3.1	0.1	199	PASS
				-0.199	TM3.2	0.1	199	PASS
				-0.52	TM3.3	0.1	199	PASS
		1	1982.5	1.257	TM2.0	0.1	199	PASS
				-1.326	TM3.1	0.1	199	PASS
				1.225	TM3.2	0.1	199	PASS
				0.125	TM3.3	0.1	199	PASS
40		0	1982.5	0.791	TM2.0	0.1	199	PASS
				1.677	TM3.1	0.1	199	PASS
				1.613	TM3.2	0.1	199	PASS
				1.849	TM3.3	0.1	199	PASS
		1	1982.5	1.484	TM2.0	0.1	199	PASS
				-1.949	TM3.1	0.1	199	PASS
				-1.905	TM3.2	0.1	199	PASS
				-1.466	TM3.3	0.1	199	PASS
50		0	1982.5	0.662	TM2.0	0.1	199	PASS
				1.184	TM3.1	0.1	199	PASS
				-1.771	TM3.2	0.1	199	PASS
				1.932	TM3.3	0.1	199	PASS
		1	1982.5	-1.034	TM2.0	0.1	199	PASS
				0.85	TM3.1	0.1	199	PASS
				0.721	TM3.2	0.1	199	PASS
				1.576	TM3.3	0.1	199	PASS

LTE 10MHz

Frequency Stability vs Temperature（RF Bandwidth:10M(LTE)　RF Frequency :1935MHz								
Temperature (℃)	**Power Supplied (V_{DC})**	**Port**	**LTE Frequency**	**Frequency Measure Error (Hz)**	**E-TM**	**Limit (ppm)**	**Limit (Hz)**	**Result**
-30		0	1935		TM2.0	0.1	199	PASS